

Conclusions

Both private microwave and dedicated fiber optics systems offer a communications alternative to large customers and inter-exchange carriers in Manhattan today. Examination of microwave licensing records and discussions with Empire City Subway indicate that large customers and interexchange carriers use both of these options today. As discussed above, microwave is used extensively. Similarly, Empire City subway now has about thirty private firms who are tenants in their conduit plant who are using cable systems for local communications. Additionally, we understand that other firms in Manhattan have access to the duct system in the subway or have built short systems by constructing their own duct routes.

Although Manhattan probably has the most crowded microwave spectrum in the country -- perhaps in the world -- there appears, nevertheless, to be sufficient spectrum space in the 18 and 23 GHZ short-haul bands to accommodate many new systems. We believe that essentially all major buildings could connect by microwave to an interexchange carrier point-of-presence or to a building connected to Teleport's fiber optic network.

We have presented the costs of private high-capacity systems in a fashion which allows for easy comparison with the costs of communications services offered by carriers and also allows easy verification of our cost figures.

Appendix 1: 18 GHz Channel Plan

The 17.7-19.7 GHz band has a very complicated channel plan. For point-to-point communications, it includes one group of paired (transmit/receive) channels with a 340 MHz transmit/receive separation, one group with a 1560 MHz transmit/receive separation, and a third group of unpaired channels. In addition, a fourth group of channels is allocated for point-to-multipoint Digital Termination Systems. The following table lists the actual allocations:

17700-18140 MHz & 19260-19700 MHz - 10, 20 40 & 80 MHz channels
18140-18580 MHz - 6 MHz channels (intended for video)
18580-18820 MHz & 18920-19160 MHz - 5, 10 & 20 MHz channels
18820-18920 MHz & 19160-19260 MHz - Digital Termination Systems

The group of channels with a 340 MHz separation includes 12 channel pairs with a 20 MHz bandwidth; 24 channel pairs with a 10 MHz bandwidth; and 12 channel pairs with a 5 MHz bandwidth. These three channel plans actually overlap, so that an applicant can apply for two 10 MHz channels or a single 20 MHz channel and occupy the same spectrum.

The group of channel pairs with a 1560 MHz separation includes 44 channel pairs with a 10 MHz bandwidth; 22 channel pairs with a 20 MHz bandwidth; 11 channel pairs with a 40 MHz bandwidth; and 5 channel pairs with an 80 MHz bandwidth. As with the other group, these channels overlap.

The unpaired group of channels consists of 72 channels, each 6 MHz wide.

Therefore, the total number of channels, including all of the overlapping channels, is 96 in the first group, 164 in the second, 72 in the third, or 332 total.

Appendix 2: Short-Haul Microwave In the Manhattan Area

The tables below show the records for 18 and 23 GHZ microwave usage in the Manhattan region. At our request, Comsearch performed a search of its microwave frequency coordination files in March of 1987. The printed results of that search were then keyed into a computer for further analysis. The printouts below show the frequency coordination records sorted on two different keys. In the first listing the records are grouped by licensee. This printout makes it easy to identify the number of microwave links associated with any one entity.

The second printout is grouped by "call". For those links which have been licensed, the call is the FCC assigned call sign for the radio station (assuming that this has been properly entered into the data base). For the coordinated but unlicensed stations, the call is a mnemonic which identifies the path. For receive only stations the call is Rx only. Examination of the call signs allows one to distinguish between licensed and coordinated but unlicensed stations.

**Manhattan Short-Haul
Microwave Usage
Sorted by Owner**

SITE	ST CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
NEW YORK 7	NY TEL79	40 46 02	74 59 30	192.4	H#	2	2	AT&T COMMUNICATIONS NEW YORK CITY
NEW YORK 10	NY NEWYUP	40 42 59	74 0 23	192.4	L#	2	2	AT&T COMMUNICATIONS NEW YORK CITY REG
NEW YORK 7	NY TEL79	40 46 02	74 59 30	12.1	H#	2	2	AT&T COMMUNICATIONS NEW YORK CITY REG
NEW YORK 7	NY TEL79	40 46 02	74 59 30	192.4	H#	2	2	AT&T COMMUNICATIONS NEW YORK CITY REG
NEW YORK 12	NY NEWYUP	40 43 51	74 51 54	193.7	H#	2	2	AT&T COMMUNICATIONS NEW YORK CITY REG
NEW YORK 10	NY NEWYUP	40 42 59	74 0 23	196.3	L#	2	2	AT&T COMMUNICATIONS NEW YORK CITY REG
NEW YORK 10	NY NEWYUP	40 42 59	74 0 23	192.4	L#	2	2	AT&T COMMUNICATIONS NEW YORK CITY REG
NEW YORK 4	NY TEL02	40 43 12	74 0 18	83.7	L#	2	2	AT&T COMMUNICATIONS NEW YORK CITY REG
NEW YORK 4	NY TEL02	40 43 12	74 0 18	196.3	H#	2	2	AT&T COMMUNICATIONS NEW YORK CITY REG
NEW YORK 4	NY TEL02	40 43 12	74 0 18	196.3	H#	2	2	AT&T COMMUNICATIONS NEW YORK CITY REG
NEW YORK 10	NY NEWYUP	40 42 59	74 0 23	196.3	L#	2	2	AT&T COMMUNICATIONS NEW YORK CITY REG
NEW YORK 4	NY TEL02	40 43 12	74 0 18	12.1	L#	2	2	AT&T COMMUNICATIONS OF NEW YORK CITY
NEW YORK 4	NY TEL02	40 43 12	74 0 18	83.7	H#	2	2	AT&T COMMUNICATIONS OF NEW YORK CITY
NEW YORK 4	NY TEL02	40 43 12	74 0 18	196.3	H#	2	2	AT&T COMMUNICATIONS OF NEW YORK CITY
GARDEN CITY	NY NFK393	40 43 33	73 38 0	297	H#	2	2	AUTOMOBILE CLUB OF NEW YORK, INC.
NO SHOPE TWR	NY NFK344	40 45 26	73 42 52	297	L#	2	2	AUTOMOBILE CLUB OF NEW YORK, INC.
1001 BROADWAY	NY NFK336	40 46 15	73 58 58	305.5	H#	2	2	AUTOMOBILE CLUB OF NEW YORK, INC.
H. L. PIEPRE	NY NFK325	40 45 56	73 58 23	305.5	L#	2	2	AUTOMOBILE CLUB OF NEW YORK, INC.
HADLEY RD	NY NEN408	40 33 20	74 25 24	346.6	NS	1	1	AYERST LABORATORIES
AYERST P P	NY NEN407	40 33 4	74 25 19	345.6	NS	1	1	AYERST LABORATORIES
CORPACHTE DR	NY NEN407	40 33 0	74 25 20	10.8	NS	1	1	AYERST LABORATORIES
AYERST P P	NY NEN408	40 33 4	74 25 19	10.8	NS	1	1	AYERST LABORATORIES
PHELPS LINE	NY PHELPS	40 43 41	73 19 51	59.6	H#	1	1	BABYLON TOWN OF
E SUNPSE HW	NY ESTINP1	40 42 30	73 22 30	59.6	L#	1	1	BABYLON TOWN OF
16 HILL ST	NY TFWALL	40 42 27	74 0 41	149.4	L#	1	1	BANKERS TRUST
16 HILL ST	NY TFWALL	40 42 27	74 0 41	125.9	H#	1	1	BANKERS TRUST
HARBORSIDE	NY WEG527	40 43 11	74 2 1	125.9	L#	1	1	BANKERS TRUST COMPANY
200 PARK AVE	NY WEG526	40 42 36	74 0 48	122.2	L#	1	1	BANKERS TRUST COMPANY
BANKERS TRUS	NY WEG526	40 42 36	74 0 48	230.3	H#	1	1	BANKERS TRUST COMPANY
200 PARK AVE	NY WEG527	40 43 11	74 2 1	302.2	H#	1	1	BANKERS TRUST COMPANY
JERSEY CITY	NJ JERSEY	40 43 1	74 2 1	302.2	H#	1	1	BANKERS TRUST COMPANY
BANKERS TRUS	NY WEG526	40 42 36	74 0 48	211.8	H#	1	1	BANKERS TRUST COMPANY
HARBORSIDE	NY WEG527	40 43 11	74 2 1	230.3	L#	1	1	BANKERS TRUST COMPANY
BANKERS TRUS	NY WEG526	40 42 36	74 0 48	122.2	H#	1	1	BANKERS TRUST COMPANY
BANKERS TRUS	NY WEG526	40 42 36	74 0 48	149.4	H#	1	1	BANKERS TRUST COMPANY
NEW YORK	NY NEWYUP	40 42 36	74 0 48	302.2	L#	1	1	BANKERS TRUST COMPANY
JERSEY CITY	NJ WEG527	40 43 11	74 2 1	122.2	H#	1	1	BANKERS TRUST COMPANY
HARBORSIDE	NY WEG527	40 43 11	74 2 1	122.2	L#	1	1	BANKERS TRUST COMPANY
HARBORSIDE	NY WEG527	40 43 11	74 2 1	122.2	H#	2	2	BANKERS TRUST COMPANY
BANKERS TRUS	NY WEG526	40 42 36	74 0 48	122.2	L#	2	2	BANKERS TRUST COMPANY
195 MONTAGUE	NY WEG526	40 41 44	73 59 38	201.3	H#	1	1	BROOKLYN UNION GAS COMPANY
RAY RDG DR	NY WEG526	40 39 31	74 1 17	201.3	L#	1	1	BROOKLYN UNION GAS COMPANY
CONY ISLAND	NY WEG526	40 34 47	73 58 39	151.7	H#	1	1	BROOKLYN UNION GAS COMPANY
CONYRIDGE TWR	NY WEG526	40 30 31	74 1 17	21.3	L#	1	1	BROOKLYN UNION GAS COMPANY
CONY ISLAND	NY WEG526	40 34 47	73 58 39	151.7	H#	1	1	BROOKLYN UNION GAS COMPANY
CONYRIDGE TWR	NY WEG526	40 30 31	74 1 17	151.7	L#	1	1	BROOKLYN UNION GAS COMPANY
MONTAGUE ST	NY WEG526	40 41 44	73 59 38	21.3	H#	1	1	BROOKLYN UNION GAS COMPANY
RAY RDG DR	NY WEG526	40 39 31	74 1 17	151.7	L#	1	1	BROOKLYN UNION GAS COMPANY
370 J. ST	NY WEG526	40 41 35	73 59 18	150.8	L#	1	1	BY PERS TECHNOLOGY INC
POLICE PLAZA	NY WEG526	40 42 43	74 0 8	150.8	H#	1	1	BY PERS TECHNOLOGY INC
1725 BROADWAY	NY WEG526	40 42 1	74 58 56	199.1	L#	2	2	BY PERS TECHNOLOGY INC
200 N 50TH ST	NY WEG526	40 50 2	73 58 51	199.1	L#	1	1	BY PERS TECHNOLOGY INC

SITE	ST	CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
E 75TH ST	NY	ROXONLY	40 46 35	74 57 10	147.7				23 CONSUMER UNITED EDUCATION COMPANY NEW YORK
HAMILTON TOWN	NY	ROXONLY	40 19 22	74 41 35	101.1				23 COUNTRY CLUB ESTATE CENTER CROFTVILLE
LAWRENCEVILLE	NY	NE1506	40 17 30	74 41 30	101.1	H3			23 COUNTRY CLUB ESTATE CENTER CROFTVILLE
MARPLES CROSS	NY	ROXONLY	40 47 51	74 29 17	101.1	H4			23 COUNTY OF MORRIS NEW JERSEY
POLICE BUILD	NY	ROXONLY	40 49 29	74 11 16	101.1	H3			23 COUNTY OF MORRIS NEW JERSEY
30 CITY PARK	NY	ROXONLY	40 49 51	74 12 10	101.1	H3			23 COUNTY OF MORRIS NEW JERSEY
30 CITY PARK	NY	ROXONLY	40 49 51	74 12 10	101.1	H3			23 COUNTY OF MORRIS NEW JERSEY
440 10TH AVE	NY	ROXONLY	40 45 30	74 59 49	154.6	L3			23 COUNTY OF MORRIS NEW JERSEY
461 N 41ST	NY	ROXONLY	40 45 06	74 59 50	154.6	H3			23 GOVERNMENT HOUSE UNDER 21
CONFUCIUS PLZ	NY	NE1635	40 42 54	73 59 47	145.6	L1			23 GOVERNMENT HOUSE UNDER 21
BROADWAY	NY	ROXONLY	40 39 20	73 58 56	169.7				23 OS TELEVISION, INC.
EMPIRE STATE	NY	ROXONLY	40 44 54	73 58 10	101.2				23 OS TELEVISION, INC.
CONFUCIUS PL	NY	NE1635	40 42 54	73 59 47	145.6				23 OS TELEVISION, INC.
CONFUCIUS PL	NY	NE1635	40 42 54	73 59 47	169.7	NS			23 OS TELEVISION, INC.
BROADWAY	NY	NE1634	40 43 14	74 0 5	145.6	NS			23 OS TELEVISION, INC.
MARTINSVILLE	NY	MARTIN	40 36 42	74 34 14	205.7	L*			18 DANA TELECOMMUNICATIONS CORPORATION
7 W 66 ST	NY	ROXONLY	40 36 31	74 7 22	220.4	L*			18 DANA TELECOMMUNICATIONS CORPORATION
NEW YORK DEP	NY	NEWYORK	40 42 24	74 0 48	220.4	L*			18 DANA TELECOMMUNICATIONS CORPORATION
OXFORD GUY	NY	OXFORD	40 11 0	74 52 47	212.9	L*			18 DANA TELECOMMUNICATIONS CORPORATION
MT ROSE	NY	MTROSE	40 22 6	74 43 25	205.7	L*			18 DANA TELECOMMUNICATIONS CORPORATION
MT ROSE	NY	MTROSE	40 22 6	74 43 25	212.9	L*			18 DANA TELECOMMUNICATIONS CORPORATION
MT ROSE	NY	MTROSE	40 22 6	74 43 25	269.3	L*			18 DANA TELECOMMUNICATIONS CORPORATION
S BRUNSWICK	NY	SARATOGA	40 22 11	74 35 12	269.3	L*			18 DANA TELECOMMUNICATIONS CORPORATION
ST JOHN	NY	ROXONLY	40 40 23	73 55 37	168.7				23 DEARBORNE MANAGEMENT INC
ST JOHN	NY	ROXONLY	40 40 23	73 55 37	168.7				23 DEARBORNE MANAGEMENT INC
ROCHESTER	NY	NE1506	40 40 42	73 55 42	168.7	L3			23 DEARBORNE MANAGEMENT INC
ST JOHN	NY	ROXONLY	40 40 23	73 55 37	344.3				23 DEARBORNE MANAGEMENT INC
ROCHESTER	NY	NE1506	40 40 42	73 55 42	168.7	L3			23 DEARBORNE MANAGEMENT INC
ST JOHN	NY	ROXONLY	40 40 23	73 55 37	49.8				23 DEARBORNE MANAGEMENT INC
BUFFALO	NY	NE1505	40 40 20	73 55 32	308.2	L3			23 DEARBORNE MANAGEMENT INC
KING ST	NY	NE1503	40 39 29	73 55 17	344.3	L3			23 DEARBORNE MANAGEMENT INC
ST JOHN	NY	ROXONLY	40 40 23	73 55 37	308.2				23 DEARBORNE MANAGEMENT INC
UNION GARDEN	NY	NE1504	40 40 5	73 56 5	49.8	H3			23 DEARBORNE MANAGEMENT INC
NYC 60 HUDS	NY	NYC60H	40 43 3	74 0 33	194.9	H*			18 EASTERN MICROWAVE
747 10TH	NY	NYC747	40 45 54	73 59 33	194.9	L*			18 EASTERN MICROWAVE
NYC-GNB	NY	NYN21	40 46 9	73 58 55	197.5	L4			23 EASTERN MICROWAVE INC
NYC-GNB	NY	NYN21	40 46 9	73 58 55	95.8	H4			23 EASTERN MICROWAVE INC
1515 BROADWAY	NY	1515BP	40 42 28	73 59 12	197.5	H4			23 EASTERN MICROWAVE INC
QUEENS AIC	NY	QUEENS	40 45 47	73 54 13	95.8				23 EASTERN MICROWAVE INC
WORLD TRADE	NY	WEE641	40 43 38	74 0 46	144.6	L*			18 ERASCO SERVICES, INC
LYNDHURST	NY	WEE640	40 48 18	74 6 3	144.6	L*			18 ERASCO SERVICES, INC
WORLD TRADE	NY	WEE641	40 43 38	74 0 46	3	NS			18 ERASCO SERVICES, INC
SATELLITE BS	NY	WEE642	40 42 9	74 0 48	3	L*			18 ERASCO SERVICES, INC
160 CLAY ST	NY	NY475	40 48 5	74 6 0	129.9	L*			18 ERASCO SERVICES, INC
210 CLAY ST	NY	NY476	40 48 12	74 6 11	129.9	L*			18 ERASCO SERVICES, INC
LYNDHURST	NY	NY475	40 48 5	74 6 0	309.9	L3			23 ERASCO SERVICES, INC
WORLD TRADE	NY	NY476	40 48 12	74 6 11	309.9	H3			23 ERASCO SERVICES, INC
5137 QUEENS	NY	QUEENS	40 44 34	73 54 48	291	H3			23 ELITE CAR AND LUMININE CORPORATION
419 THIRD AV	NY	ROXONLY	40 45 31	73 58 3	291	L3			23 ELITE CAR AND LUMININE CORPORATION
PULLER	NY	ROXONLY	40 44 47	74 11 39	305				23 ESSEX COUNTY COLLEGE
NEWARK	NY	ROXONLY	40 44 22	74 10 45	305	L3			23 ESSEX COUNTY COLLEGE

SITE	ST CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
ROUTE 31	NY NEH790	40 37 14	74 52 41	232.6	H3		1	23 EXXON COMMUNICATIONS COMPANY
ROUTE 22	NY NEH791	40 38 0	74 52 0	232.6	L3		1	23 EXXON COMMUNICATIONS COMPANY
49 TOWERS	NY RSO017	40 45 26	73 58 30	312.6			1	23 FIRST BOSTON CORPORATION
E 52ND STR	NY NEN200	40 45 34	73 58 26	312.6	H5		1	23 FIRST BOSTON CORPORATION
PLANT 121	NY NEN201	40 45 34	73 58 26	312.6	H5		1	23 GRUBBIN TELEPHONE CORPORATION
PLANT 111	NY NEN202	40 45 41	73 58 40	312.6	H5		1	23 GRUBBIN TELEPHONE CORPORATION
PLANT 12	NY NEN203	40 45 17	73 58 17	312.6	H5		1	23 GRUBBIN TELEPHONE CORPORATION
GUARDHOUSE	NY RSO018	40 44 47	73 58 58	0			1	23 GRUBBIN TELEPHONE CORPORATION
PLANT 44	NY NEN204	40 44 45	73 58 50	0	H3		1	23 GRUBBIN TELEPHONE CORPORATION
PLANT 40	NY NEN205	40 46 15	73 55 0	312.6	H5		1	23 GRUBBIN TELEPHONE CORPORATION
BLDG 110	NY BLU211	40 47 3	73 55 0	359.1	H5		1	18 GRUBBIN CORPORATION
HUNTINGTON	NY WCY415	40 48 6	73 26 3	277.3	L*		1	18 GRUBBIN CORPORATION
CENTRAL ISLIP	NY NEF55	40 48 56	73 10 22	120.8	L*		1	18 GRUBBIN CORPORATION
BOHENTA	NY WIT314	40 46 54	73 6 15	120.8	L*		1	18 GRUBBIN CORPORATION
HUNTINGTON	NY WCY417	40 46 16	73 24 59	359.1	L*		1	18 GRUBBIN CORPORATION
WOODBURY	NY WWO060	40 48 25	73 29 20	277.2	L*		1	18 GRUBBIN CORPORATION
BATTERY P	NY WLA792	40 42 10	74 1 0	108.2	H4		2	23 GTE SPACENET CORPORATION
90 BROAD ST	NY WLA793	40 42 14	74 0 44	108.2	L4		2	23 GTE SPACENET CORPORATION
ROCK CTR	NY RSO019	40 45 33	73 58 48	312.6			1	23 HAMILTON COMMUNICATION CONSULTANTS IN
49 TOWER	NY 49TIME	40 45 26	73 58 38	312.6	L4		1	23 HAMILTON COMMUNICATION CONSULTANTS IN
BLDG #6	NY NEF934	40 22 14	74 31 2	149.5	L3		1	23 IBM RESEARCH AND DEVELOPMENT
BLDG #1	NY NEF905	40 22 27	74 31 12	149.5	H3		1	23 IBM RESEARCH AND DEVELOPMENT
W CENTURY DR	NY WCENTH	40 55 54	74 4 36	25.4	L3		1	23 ILFORD PHOTO
EISENHOWER D	NY EISENH	40 55 46	74 4 41	25.4	H3		1	23 ILFORD PHOTO
PERSPECT PLA	NY NEP495	40 40 22	73 57 36	89	L3		2	23 INFOTEK INC
ALBANY AVE	NY NEP496	40 40 23	73 56 20	89	H3		2	23 INFOTEK INC
101 BARCLAY	NY NEH766	40 42 53	74 0 45	30.6	H*		1	18 IRVING TRUST
EMPIRE STATE	NY NEH764	40 44 55	73 59 10	22.1	L*		1	18 IRVING TRUST
1290 AVE	NY NEH765	40 45 38	73 58 47	22.1	H*		1	18 IRVING TRUST
EMPIRE STATE	NY NEH764	40 44 55	73 59 10	30.6	L*		1	18 IRVING TRUST
TERMINAL 2	NY WLC454	40 45 34	73 58 54	314.6	H4		1	23 ISA COMMUNICATIONS SERVICES, INC.
TERMINAL 1	NY WLC453	40 45 16	73 58 30	314.6	L4		1	23 ISA COMMUNICATIONS SERVICES, INC.
GEN BUILDING	NY NEP539	40 46 9	73 58 55	348.8	L3		1	23 J.C. PENNY COMMUNICATIONS, INC.
49 TOWER	NY NEP537	40 45 26	73 58 38	154.6	L3		1	23 J.C. PENNY COMMUNICATIONS, INC.
J.C. PENNEY	NY NEP538	40 45 42	73 58 48	154.6	H3		1	23 J.C. PENNY COMMUNICATIONS, INC.
J.C. PENNEY	NY NEP539	40 45 42	73 58 48	348.8	H3		1	23 J.C. PENNY COMMUNICATIONS, INC.
84 ROSS ST	NY NEN389	40 42 7	73 57 40	66.3	L3		1	23 KRAUS SECURITY, INC
100 ROSS ST	NY RSO019	40 42 9	73 57 34	676.3			1	23 KRAUS SECURITY, INC
LEVER HOUSE	NY NEI493	40 45 37	73 58 24	25.2	H*		1	18 LEVER BROTHERS
LEVER HOUSE	NY NEI493	40 45 33	73 58 24	205.7	H*		1	18 LEVER BROTHERS
PAN AM BLDG	NY PAN AM	40 45 14	73 58 36	190.1	L*		1	18 LEVER BROTHERS
RECEIVER	NY NEI492	40 45 14	73 58 36	205.7	H*		1	18 LEVER BROTHERS
ENGLEWOOD	NY ENCLF	40 53 41	73 56 38	190.1	H*		1	18 LEVER BROTHERS
PAN AM BLDG	NY PAN AM	40 45 14	73 58 36	190.1	L*		1	18 LEVER BROTHERS
PAN AM BLDG	NY PAN AM	40 45 14	73 58 36	25.2	L*		1	18 LEVER BROTHERS
ENGLEWOOD	NY NEI491	40 53 41	73 56 38	190.1	H*		1	18 LEVER BROTHERS
32	NY 32	40 41 17	74 0 19	31.7	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
JOURNAL SQ	NY JOURNH	40 41 50	74 4 0	124.5	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
JOURNAL SQ	NY JOURNH	40 41 58	74 4 0	302.5	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
23 THOMAS AT	NY THOMAS	40 42 59	74 0 28	234.0	L*		2	18 LOCAL AREA TELECOMMUNICATIONS INC
747 10TH Y	NY WLR003	40 45 54	73 59 37	3.2	L*		2	18 LOCAL AREA TELECOMMUNICATIONS INC

SITE	ST	CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
BROADWAY	NY	WJ1000	40 45 12	73 59 5	177.7	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
5 PENN PLAZH	NY	WJ1002	40 45 0	73 59 37	177.2	L*		2	18 LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY	WJ1003	40 42 40	74 0 49	51.5	H*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
HARBOR SIDE	NY	WJ1004	40 41 3	74 2 0	293.1	L*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY	WJ1005	40 42 40	74 0 49	51.5	H*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
LYNDHURST	NY	WJ1006	40 41 25	74 6 16	325	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY	WJ1007	40 42 40	74 0 49	51.5	H*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
LYNDHURST	NY	WJ1008	40 41 25	74 6 16	325	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY	WJ1009	40 42 40	74 0 49	51.5	H*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY	WJ1010	40 42 40	74 0 49	31.7	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY	WJ1011	40 42 40	74 0 49	325	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY	WJ1012	40 42 40	74 0 49	31.7	H*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY	WJ1013	40 42 40	74 0 49	325	H*		3	18 LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY	WJ1014	40 42 40	74 0 49	31.7	H*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
17 BATTERY	NY	WJ1015	40 43 30	74 0 57	202.3	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY	WJ1016	40 42 40	74 0 49	159.2	L*		4	18 LOCAL AREA TELECOMMUNICATIONS INC
2 BROADWAY	NY	WJ1017	40 42 40	74 0 40	202.3	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY	WJ1018	40 42 40	74 0 49	130.7	L*		4	18 LOCAL AREA TELECOMMUNICATIONS INC
ROTHSCHILD	NY	WJ1019	40 48 30	74 5 46	148	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY	WJ1020	40 42 40	74 0 49	138.7	L*		4	18 LOCAL AREA TELECOMMUNICATIONS INC
55 WATER	NY	WJ1450	40 42 0	74 0 33	159.2	L*		5	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1451	40 42 40	74 0 49	180	H*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
55 WATER	NY	WJ1452	40 42 0	74 0 33	159.2	L*		5	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1453	40 42 40	74 0 49	180	H*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
100 BROADWAY	NY	WJ1454	40 42 20	74 0 42	160.4	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1455	40 42 40	74 0 49	180	H*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
100 E 1ST ST	NY	WJ1456	40 54 40	73 50 3	17.3	L*		2	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1457	40 42 40	74 0 49	20.3	H*		5	18 LOCAL AREA TELECOMMUNICATIONS INC
100 E 1ST ST	NY	WJ1458	40 54 40	73 50 3	17.3	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1459	40 42 40	74 0 49	20.3	H*		4	18 LOCAL AREA TELECOMMUNICATIONS INC
111 8TH AVE	NY	WJ1460	40 44 28	74 0 14	221.3	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1461	40 42 40	74 0 49	20.3	H*		5	18 LOCAL AREA TELECOMMUNICATIONS INC
111 WALL	NY	WJ1462	40 42 17	74 0 24	86.4	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
NY T	NY	WJ1463	40 43 0	74 0 16	51.5	L*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
55 WATER ST	NY	WJ1464	40 42 0	74 0 33	90	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1465	40 42 40	74 0 49	20.3	H*		4	18 LOCAL AREA TELECOMMUNICATIONS INC
55 WATER ST	NY	WJ1466	40 42 0	74 0 33	90	H*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1467	40 42 40	74 0 49	33.5	H*		3	18 LOCAL AREA TELECOMMUNICATIONS INC
1594 UNIOINPO	NY	WJ1468	40 50 26	73 51 47	17.3	H*		2	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1469	40 42 40	74 0 49	33.5	H*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
1594 UNIOINPO	NY	WJ1470	40 50 26	73 51 47	17.3	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1471	40 42 40	74 0 49	33.5	H*		3	18 LOCAL AREA TELECOMMUNICATIONS INC
HARBOR SIDE	NY	WJ1472	40 43 3	74 2 0	293.1	L*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1473	40 42 40	74 0 49	293.1	H*		6	18 LOCAL AREA TELECOMMUNICATIONS INC
HARBOR SIDE	NY	WJ1474	40 43 3	74 2 0	293.1	L*		8	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1475	40 42 40	74 0 49	293.1	H*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
17 BATTERY	NY	WJ1476	40 42 17	74 0 57	207.5	L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1477	40 42 40	74 0 49	293.1	H*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
17 BATTERY	NY	WJ1478	40 42 17	74 0 57	207.5	H*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1479	40 42 40	74 0 49	159.2	H*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
14 RECTOR	NY	WJ1480	40 42 27	74 0 53	200.0	H*		8	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY	WJ1481	40 42 40	74 0 49	159.2	H*		8	18 LOCAL AREA TELECOMMUNICATIONS INC

SITE	ST CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER	
19 RECTOR	NY 19 PLO	40 42 27	74 0 53	200.0	H#	10		18 LOCAL AREA TELECOMMUNICATIONS INC	NC
WORLD TRADE	NY WOP101	40 42 40	74 0 49	150.2	H#	12		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
19 RECTOR	NY 19 PLO	40 42 27	74 0 53	200.0	H#	12		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
WORLD TRADE	NY WOP101	40 42 40	74 0 49	150.2	H#	12		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
19 RECTOR	NY 19 PLO	40 42 27	74 0 53	200.0	H#	2		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
ONE STATE ST	NY ONE510	40 42 7	74 0 49	160	L*	5		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
19 RECTOR	NY 19 PLO	40 42 27	74 0 53	200.0	H#	7		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
222 BROADWAY	NY WOP100	40 42 39	74 0 32	207	L#	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
19 RECTOR	NY 19 PLO	40 42 27	74 0 53	200.0	H#	10		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
PARK AVE	NY PARK	40 45 16	73 59 33	33.5	L#	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
19 RECTOR ST	NY 19 PLO	40 42 27	74 0 53	200.0	L#	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
222 BROADWAY	NY WOP100	40 42 39	74 0 32	126.9	L#	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
FORT LEE	NY FORTLE	40 51 14	73 59 0	327.8	H#	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
5 WORLD TRAD	NY WOP100	40 42 43	74 0 39	126.9	H#	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
1 WORLD TRAD	NY WOP100	40 42 40	74 0 49	113.1	L*	5		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
222 BROADWAY	NY WOP100	40 42 39	74 0 32	222	HC	11		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
11 INT PLZ	NY WOP100	40 42 21	74 0 57	36.9	L*	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
PARK AVE	NY PARK	40 45 16	73 59 33	33.5	L#	6		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
1 WJ PLAZA	NY WJPLA	40 42 17	74 0 58	222	L#	3		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
UPPER SADDLE	NY WJMS35	41 3 51	74 7 18	304.5	LC	2		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
1 WJ PLAZA	NY WJPLA	40 42 17	74 0 58	222	LC	11		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
ALPINE TWP	NY WJMS34	40 57 39	73 55 23	304.5	HC	2		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
20 BROAD	NY 20BROA	40 42 25	74 0 39	345	H#	8		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
PENN PLAZA	NY PENN	40 45 8	73 59 37	20.3	L#	6		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
20 BROAD	NY 20BROA	40 42 25	74 0 39	345	H#	8		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
WASHINGTON TWP	NY WLN310	40 45 14	74 2 35	257.9	LC	2		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
20 BROAD	NY 20BROA	40 42 25	74 0 39	345	H#	8		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
WASHINGTON TWP	NY WLN310	40 45 14	74 2 35	154.1	LC	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
20 BROAD	NY 20BROA	40 42 25	74 0 39	345	H#	4		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
55 WATER	NY WLN212	40 42 8	74 0 3	148	H#	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
20 BROAD	NY 20BROA	40 42 25	74 0 39	345	HC	6		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
1 NY PLAZA	NY WLN210	40 42 8	74 0 44	329	H#	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
20 BROAD	NY 20BROA	40 42 25	74 0 39	345	H#	12		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
PERPH ARMY	NY PERPH	40 30 36	74 17 18	154.8	H#	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
EXCHANGE	NY EXCH	40 42 19	74 0 36	302.5	L*	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
MANORVILLE	NY MANORV	40 51 18	72 46 12	86.1	L*	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
55 WATER ST	NY WLN450	40 42 8	74 0 33	165	L*	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
WLD FINANCE	NY WLN450	40 42 47	74 0 58	24.9	NS	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
55 WATER	NY WLN450	40 42 8	74 0 33	160.9	L*	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
50 BROAD ST	NY WLN919	40 42 20	74 0 45	177.6	LC	2		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
210 PENN PLA	NY WLN919	40 45 1	73 59 32	183.7	LC	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
QUEENS-1	NY QUEEN	40 42 45	74 49 52	300.7	L#	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
222 BROADWAY	NY WLN919	40 42 39	74 0 32	124.2	L*	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
50 BROAD ST	NY WLN919	40 42 20	74 0 45	177.6	H#	2		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
25 BROADWAY	NY WLN919	40 42 21	74 0 53	201.2	L#	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
1 WJ	NY WLN414	40 42 47	74 0 58	0	L*	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
FORT LEE	NY FORTLE	40 51 14	73 59 0	183.7	HC	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
NEHAPK	NY WLN396	40 42 17	74 10 19	254.7	L*	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
SHERPN ANEXP	NY WLN396	40 41 13	74 0 47	197.8	LC	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
Q15TH	NY WLN396	40 46 0	74 2 7	254.7	L*	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC
SHERPN ANEXP	NY WLN396	40 41 13	74 0 47	350.8	LC	1		18 LOCAL AREA TELECOMMUNICATIONS INC	INC

SITE	ST CALL	LATITUDE	LONGITUDE	BEARING	PLN	FREQUENCIES	BAND	OWNER
OSTA	NY WAP11	40 46 0	74 2 7	277.7	L*	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
2 BROADWAY	NY WAP10	40 42 40	74 0 40	202.3	LC	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
6TH AVE	NY WAP10	40 45 40	74 50 52	277.7	L*	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
2 NY PLAZA	NY WAP11	40 42 8	74 0 41	348.0	HF	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
BROADWAY	NY WAP11	40 45 47	74 59 5	101.4	L*	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
2 WLD TRADE	NY WAP11	40 42 30	74 0 46	351.0	HC	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
LEONIA	NY LEON11	40 51 50	74 59 36	327.0	LC	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
2 WLD TRADE	NY WAP11	40 42 30	74 0 46	177.6	HF	4	18 LOCAL	AREA TELECOMMUNICATIONS INC
LEONIA	NY LEON11	40 51 50	74 59 36	110.1	L*	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
2 WLD TRADE	NY WAP11	40 42 30	74 0 46	180	L*	5	18 LOCAL	AREA TELECOMMUNICATIONS INC
1 NY PLAZA	NY WAP11	40 42 8	74 0 44	90	L*	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
32	NY 32	40 43 17	74 0 19	31.7	L!	12	18 LOCAL	AREA TELECOMMUNICATIONS INC
HARBOR SIDE	NY WAP11	40 43 3	74 2 0	302.5	L*	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
32	NY 32	40 43 17	74 0 19	31.7	L*	12	18 LOCAL	AREA TELECOMMUNICATIONS INC
40 RICTOP	NY WAP11	40 42 30	74 0 52	302.5	L*	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
32	NY 32	40 43 17	74 0 19	31.7	L*	12	18 LOCAL	AREA TELECOMMUNICATIONS INC
MILSON AVE	NY WAP11	40 45 0	73 50 35	273.3	L*	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
1	NY 32	40 43 17	74 0 19	31.7	L*	12	18 LOCAL	AREA TELECOMMUNICATIONS INC
5 WTC	NY WAP11	40 42 43	74 0 32	124.2	HF	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
STATE 55	NY STATE	40 42 7	74 0 49	180	L!	8	18 LOCAL	AREA TELECOMMUNICATIONS INC
222 BROADWAY	NY WAP11	40 42 39	74 0 32	124.2	L*	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
NEWARK	NY NEWARK	40 44 17	74 10 19	254.7	L*	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
TOWER	NY WAP11	40 45 28	73 59 39	26.8	NS	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
STATE 55	NY STATE	40 42 7	74 0 49	180	L*	12	18 LOCAL	AREA TELECOMMUNICATIONS INC
RUTHERFORD	NY RUTHER	40 48 30	74 5 46	328.8	L*	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
50 BROADWAY	NY SUPER	40 42 20	74 0 45	177.6	LC	4	18 LOCAL	AREA TELECOMMUNICATIONS INC
JFK TERMINAL	NY JFKTER	40 38 40	73 46 51	330.7	HF	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 8	74 0 33	345	L!	8	18 LOCAL	AREA TELECOMMUNICATIONS INC
HAPPERSIDE	NY HAPP11	40 43 3	74 2 0	113.1	L*	5	18 LOCAL	AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 8	74 0 33	345	L*	12	18 LOCAL	AREA TELECOMMUNICATIONS INC
TOWER	NY WAP11	40 45 28	73 59 39	71	L*	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 8	74 0 33	345	L*	12	18 LOCAL	AREA TELECOMMUNICATIONS INC
HARBOR SIDE	NY HARBUR	40 43 3	74 2 0	293.1	L*	12	18 LOCAL	AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 8	74 0 33	345	L*	4	18 LOCAL	AREA TELECOMMUNICATIONS INC
HARBOR SIDE	NY HARBUR	40 43 3	74 2 0	293.1	L*	4	18 LOCAL	AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 8	74 0 33	345	LC	6	18 LOCAL	AREA TELECOMMUNICATIONS INC
WTC	NY WTC	40 42 40	74 0 49	51.5	L*	1	18 LOCAL	AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 8	74 0 33	345	L*	12	18 LOCAL	AREA TELECOMMUNICATIONS INC
NEWTOWN TOWER	NY NEWTOW	40 44 34	73 53 1	127.1	HC	2	18 LOCAL	AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 8	74 0 33	20.2	L!	4	18 LOCAL	AREA TELECOMMUNICATIONS INC
WTC	NY WTC	40 42 40	74 0 49	31.7	HF	12	18 LOCAL	AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 8	74 0 33	20.2	LC	3	18 LOCAL	AREA TELECOMMUNICATIONS INC
WTC	NY WTC	40 42 40	74 0 49	159.2	L*	4	18 LOCAL	AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 8	74 0 33	20.2	LC	4	18 LOCAL	AREA TELECOMMUNICATIONS INC
WTC	NY WTC	40 42 40	74 0 49	101.7	L*	4	18 LOCAL	AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 8	74 0 33	159.2	L!	8	18 LOCAL	AREA TELECOMMUNICATIONS INC
HAROLD TRADE	NY HAROLD	40 42 40	74 0 49	180	HC	6	18 LOCAL	AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 8	74 0 33	159.2	L*	12	18 LOCAL	AREA TELECOMMUNICATIONS INC
HAROLD TRADE	NY HAROLD	40 42 40	74 0 49	180	HF	8	18 LOCAL	AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 8	74 0 33	159.2	L*	12	18 LOCAL	AREA TELECOMMUNICATIONS INC
HAROLD TRADE	NY HAROLD	40 42 40	74 0 49	20.1	HC	6	18 LOCAL	AREA TELECOMMUNICATIONS INC

SITE	ST CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
55 WATER	NY 55 WAT	40 42 0	74 0 33	159.2	L#		6	18 LOCAL AREA TELECOMMUNICATIONS INC
NY T	NY NYT	40 41 0	74 0 16	51.5	L#		12	18 LOCAL AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 0	74 0 33	159.2	L#		9	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRIDE	NY WAPLOT	40 42 40	74 0 49	301.5	H#		6	18 LOCAL AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 0	74 0 33	159.2	L#		12	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRIDE	NY WAPLOT	40 42 40	74 0 49	301.1	H#		12	18 LOCAL AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 0	74 0 33	159.2	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
NY T	NY NYT	40 41 0	74 0 16	51.5	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
55 WATER	NY 55 WAT	40 42 0	74 0 33	159.2	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRIDE	NY WAPLOT	40 42 40	74 0 49	159.2	H#		9	18 LOCAL AREA TELECOMMUNICATIONS INC
5 PENN PLAZA	NY SPENNP	40 45 0	73 59 37	221.3	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
NY T	NY NYT	40 41 0	74 0 16	51.5	L#		12	18 LOCAL AREA TELECOMMUNICATIONS INC
5 PENN PLAZA	NY SPENNP	40 45 0	73 59 37	125.3	L#		3	18 LOCAL AREA TELECOMMUNICATIONS INC
PARK AVE	NY PARK	40 45 16	73 58 33	33.5	L#		3	18 LOCAL AREA TELECOMMUNICATIONS INC
5 PENN PLAZA	NY SPENNP	40 45 0	73 59 37	24.9	NS		1	18 LOCAL AREA TELECOMMUNICATIONS INC
PARK AVE	NY PARK	40 45 16	73 58 33	33.5	L#		6	18 LOCAL AREA TELECOMMUNICATIONS INC
5 TC	NY SHTC	40 42 43	74 0 39	124.2	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
PARK AVE	NY PARK	40 45 16	73 58 33	33.5	L#		3	18 LOCAL AREA TELECOMMUNICATIONS INC
60 BROAD	NY 60 BRD	40 42 18	74 0 46	124.1	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
PENN PLAZA	NY PENN	40 45 8	73 59 37	20.3	L#		4	18 LOCAL AREA TELECOMMUNICATIONS INC
60 BROAD ST	NY 60BRD	40 42 18	74 0 46	301.2	H#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
61 BROADWAY	NY WLN319	40 42 26	74 0 48	154.1	H#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
20 BROAD ST	NY WIT457	40 42 25	74 0 39	165	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
PENN PLAZA	NY PENN	40 45 8	73 59 37	20.3	L#		4	18 LOCAL AREA TELECOMMUNICATIONS INC
67 BROAD	NY 67BRD	40 42 16	74 0 45	86.4	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
RUTHERFORD	NJ WLM211	40 48 30	74 5 46	329	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
67 BROAD	NY 67BRD	40 42 16	74 0 45	124.5	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
MATAWAN	NJ WATAMA	40 22 57	74 12 36	154.8	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
6TH AVE	NY 6THAVE	40 45 40	73 58 52	124.5	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
MANORVILLE	NY MANORV	40 51 18	72 46 12	86.1	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
6TH AVE	NY 6THAVE	40 45 40	73 58 52	350.6	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
50 BROAD ST	NY WLC919	40 42 20	74 0 45	177.6	L#		3	18 LOCAL AREA TELECOMMUNICATIONS INC
6TH AVE	NY 6THAVE	40 45 40	73 58 52	300.9	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
WLD FINANCE	NY WLC403	40 42 47	74 0 58	0	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
4 AVE	NY 6THAVE	40 45 40	73 58 52	308.9	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
5TH AVE	NY WLC394	40 44 28	74 0 14	317	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
6TH AVE	NY 6THAVE	40 45 40	73 58 52	308.9	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
6TH AVE	NY WLB905	40 45 40	73 58 52	101.4	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
6TH AVE	NY 6THAVE	40 45 40	73 58 52	20.2	H#		4	18 LOCAL AREA TELECOMMUNICATIONS INC
VISTA	NY WLAB19	40 46 0	74 2 7	180	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
6TH AVE	NY 6THAVE	40 45 40	73 58 52	20.2	H#		3	18 LOCAL AREA TELECOMMUNICATIONS INC
1 NY PLAZA	NY WLAB17	40 42 8	74 0 44	90	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
6TH AVE	NY 6THAVE	40 45 40	73 58 52	20.2	H#		4	18 LOCAL AREA TELECOMMUNICATIONS INC
WEST 42ND	NY WLA914	40 45 1	73 58 58	273.3	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
6TH AVE	NY 6THAVE	40 45 40	73 58 52	20.2	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
222 BROADWAY	NY WLAB11	40 42 39	74 0 32	124.2	NS		1	18 LOCAL AREA TELECOMMUNICATIONS INC
7 WIT	NY 7 WIT	40 42 17	74 0 58	200.8	L#		8	18 LOCAL AREA TELECOMMUNICATIONS INC
LANE SUCCESS	NY 7 WIT	40 45 29	73 42 3	84.2	L#		1	18 LOCAL AREA TELECOMMUNICATIONS INC
7 WIT	NY 7 WIT	40 42 17	74 0 58	200.8	L#		10	18 LOCAL AREA TELECOMMUNICATIONS INC
ITT EXCHANGE	NY ITTEXD	40 42 19	74 0 36	212.6	NS		2	18 LOCAL AREA TELECOMMUNICATIONS INC
7 WIT	NY 7 WIT	40 42 17	74 0 58	200.8	L#		12	18 LOCAL AREA TELECOMMUNICATIONS INC

SITE	ST CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
SELDEN LT	NY SELDEN	40 50 31	74 1 34	86.1	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
7 WUI	NY 7 WUI	40 42 17	74 0 50	200.0	L*	2	10	LOCAL AREA TELECOMMUNICATIONS INC
PARK AVE	NY W1000	40 45 00	74 58 00	71	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
7 WUI	NY 7 WUI	40 42 17	74 0 50	200.0	L*	7	10	LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY WTC	40 42 40	74 0 49	51.5	H*	8	10	LOCAL AREA TELECOMMUNICATIONS INC
7 WUI	NY 7 WUI	40 42 17	74 0 50	200.0	L*	10	10	LOCAL AREA TELECOMMUNICATIONS INC
NORTH SHORE	NY NORTH	40 45 25	74 42 55	04.2	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
7TH AVE	NY 7THAVE	40 45 6	73 59 27	43.2	H*	0	10	LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY WORLDT	40 42 40	74 0 49	100	H*	12	10	LOCAL AREA TELECOMMUNICATIONS INC
7TH AVE	NY 7THAVE	40 45 6	73 59 27	43.2	H*	10	10	LOCAL AREA TELECOMMUNICATIONS INC
NY T	NY NYT	40 43 0	74 0 16	51.5	L*	0	10	LOCAL AREA TELECOMMUNICATIONS INC
7TH AVE	NY 7THAVE	40 45 6	73 59 27	43.2	H*	12	10	LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY WORLDT	40 42 40	74 0 49	33.5	H*	2	10	LOCAL AREA TELECOMMUNICATIONS INC
7TH AVE	NY 7THAVE	40 45 6	73 59 27	43.2	H*	10	10	LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY WORLDT	40 42 40	74 0 49	293.1	H*	8	10	LOCAL AREA TELECOMMUNICATIONS INC
7TH AVE	NY 7THAVE	40 45 6	73 59 27	43.2	H*	10	10	LOCAL AREA TELECOMMUNICATIONS INC
M T	NY NYT	40 43 0	74 0 16	51.5	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
7TH AVE	NY 7THAVE	40 45 6	73 59 27	43.2	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
TW49	MI WLM379	40 45 28	73 50 39	207	H*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
7TH AVE	NY 7THAVE	40 45 6	73 59 27	43.2	J*	10	10	LOCAL AREA TELECOMMUNICATIONS INC
PENN PLAZA	NY PENN	40 45 8	73 59 37	20.3	L*	5	10	LOCAL AREA TELECOMMUNICATIONS INC
811 10TH AVE	NY B1110T	40 46 1	73 59 27	269.8	L*	2	10	LOCAL AREA TELECOMMUNICATIONS INC
1700 BROADWAY	NY WLM317	40 45 49	73 50 58	257.9	H*	2	10	LOCAL AREA TELECOMMUNICATIONS INC
VISTA	NY W1045	40 46 0	74 2 7	358.3	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
WLD FINANCE	NY WLDFIN	40 42 47	74 0 50	197.0	H*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
2 WLD TRADE	NY WLD250	40 42 38	74 0 46	177.6	H*	3	10	LOCAL AREA TELECOMMUNICATIONS INC
QUEENS1	NY QUEENS	40 42 45	73 49 52	127.1	L*	2	10	LOCAL AREA TELECOMMUNICATIONS INC
2 WLD TRADE	NY WLD250	40 42 38	74 0 46	177.6	H*	3	10	LOCAL AREA TELECOMMUNICATIONS INC
QUEENS1	NY QUEENS	40 42 45	73 49 52	139.3	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
2 WLD TRADE	NY WLD250	40 42 38	74 0 46	177.6	L*	2	10	LOCAL AREA TELECOMMUNICATIONS INC
SECORCUS	NY WLR10	40 47 37	74 2 7	180	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
STATE 55	NY STATE	40 42 7	74 0 49	180	L*	12	10	LOCAL AREA TELECOMMUNICATIONS INC
5 WTC	NY WLD12	40 42 43	74 0 32	124.2	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
STATE 55	NY STATE	40 42 7	74 0 49	180	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
JOURNAL SQ	NY JOURNA	40 43 58	74 4 0	124.1	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
STATE 55	NY STATE	40 42 7	74 0 49	180	L*	6	10	LOCAL AREA TELECOMMUNICATIONS INC
HARBOR SIDE	NY HARBOR	40 43 3	74 2 0	293.1	L*	6	10	LOCAL AREA TELECOMMUNICATIONS INC
WEST 54	NY WEST54	40 46 7	73 59 36	308.9	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
WTC	NY WTC	40 42 40	74 0 49	31.7	H*	12	10	LOCAL AREA TELECOMMUNICATIONS INC
STATE 55	NY STATE	40 42 7	74 0 49	180	L*	12	10	LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY WORLDT	40 42 40	74 0 49	20.3	H*	4	10	LOCAL AREA TELECOMMUNICATIONS INC
100 BROAD	NY WORLDT	40 42 14	74 0 44	287.5	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
WORLD TRADE	NY WORLDT	40 42 40	74 0 49	293.1	H*	4	10	LOCAL AREA TELECOMMUNICATIONS INC
TECH NECK	NY TECHNEC	40 52 15	74 0 10	118.1	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
PARK AVE	NY PARK	40 45 16	73 58 33	33.5	L*	2	10	LOCAL AREA TELECOMMUNICATIONS INC
WEST 54	NY WEST54	40 46 7	73 59 36	308.9	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
PENN PLAZA	NY PENN	40 45 8	73 59 37	20.3	L*	4	10	LOCAL AREA TELECOMMUNICATIONS INC
WEST 54	NY WEST54	40 46 7	73 59 36	136.7	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
LYNDHURST	NY LYNDHU	40 48 35	74 6 16	125.3	H*	2	10	LOCAL AREA TELECOMMUNICATIONS INC
TECH NECK	NY TECHNEC	40 52 15	74 0 10	150.6	L*	1	10	LOCAL AREA TELECOMMUNICATIONS INC
QUEENS1	NY QUEENS	40 42 45	73 49 52	139.3	L*	2	10	LOCAL AREA TELECOMMUNICATIONS INC

SITE	ST CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
915TH	NY 915TH	40 46 0	74 2 7	254.7	L*	1	18 LOCAL	NYN TELECOMMUNICATIONS INC
222 BROADWAY	NY WLR11	40 42 29	74 0 32	269.8	HS	1	18 LOCAL	NYN TELECOMMUNICATIONS INC
CHASE MANHATTAN	NY WLR11	40 42 30	74 0 34	180.7	L*	5	18 LOCAL	NYN TELECOMMUNICATIONS INC
WTC	NY WTC	40 42 40	74 0 49	51.5	HC	1	18 LOCAL	NYN TELECOMMUNICATIONS INC
CHASE MANHATTAN	NY WLR11	40 42 30	74 0 34	180.7	L*	5	18 LOCAL	NYN TELECOMMUNICATIONS INC
WORLD TRADE	NY WLR11	40 42 40	74 0 49	51.5	HC	5	18 LOCAL	NYN TELECOMMUNICATIONS INC
CHASE MANHATTAN	NY WLR11	40 42 30	74 0 34	180.7	L*	5	18 LOCAL	NYN TELECOMMUNICATIONS INC
222 BROADWAY	NY WLR11	40 42 29	74 0 32	222	HS	1	18 LOCAL	NYN TELECOMMUNICATIONS INC
CORNER	NY CORNER	40 40 15	74 2 20	212.6	HS	2	18 LOCAL	NYN TELECOMMUNICATIONS INC
915TH	NY WLR11	40 46 0	74 2 7	254.7	L*	1	18 LOCAL	NYN TELECOMMUNICATIONS INC
BULOVA BLVD	NY BULOVA	40 46 2	73 53 35	239.8	HS	2	18 LOCAL	NYN TELECOMMUNICATIONS INC
SELDEN ST	NY SELDEN	40 50 31	73 1 34	86.1	HC	1	18 LOCAL	NYN TELECOMMUNICATIONS INC
BULOVA BLVD	NY BULOVA	40 46 2	73 53 35	139.3	HC	2	18 LOCAL	NYN TELECOMMUNICATIONS INC
WORLD TRADE	NY WLR11	40 42 40	74 0 49	159.2	HC	12	18 LOCAL	NYN TELECOMMUNICATIONS INC
BULOVA BLVD	NY BULOVA	40 46 2	73 53 35	139.3	HS	1	18 LOCAL	NYN TELECOMMUNICATIONS INC
HARBOR SIDE	NY WLR11	40 43 3	74 2 0	358.3	L*	1	18 LOCAL	NYN TELECOMMUNICATIONS INC
P. 1 PLAZA	NY P1	40 45 8	73 59 37	20.3	LA	5	18 LOCAL	NYN TELECOMMUNICATIONS INC
WTC	NY WTC	40 42 40	74 0 49	159.2	L*	4	18 LOCAL	NYN TELECOMMUNICATIONS INC
BULOVA BLVD	NY BULOVA	40 46 2	73 53 35	269.8	HS	2	18 LOCAL	NYN TELECOMMUNICATIONS INC
42 BROADWAY	NY WLR11	40 42 21	74 0 47	270	L4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
55 WATER ST	NY WIT45A	40 42 8	74 0 33	270	L4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
2 NY PLAZA	NY WLR11	40 42 8	74 0 41	90	H4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
811 FIFTH AVE	NY B110T	40 46 1	73 59 27	269.0	H4	2	23 LOCAL	NYN TELECOMMUNICATIONS INC
2 WLD FINANC	NY WLR11	40 42 37	74 0 50	20.8	H4	1	24 LOCAL	NYN TELECOMMUNICATIONS INC
127 JOHN	NY WLR11	40 42 26	74 0 20	217.3	H4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
BULOVA BLVD	NY BULOVA	40 46 2	73 53 35	269.8	L4	2	23 LOCAL	NYN TELECOMMUNICATIONS INC
127 JOHN	NY WLR11	40 42 26	74 0 20	113.7	H4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
55 WATER ST	NY WIT45A	40 42 8	74 0 33	90	H4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
1 NY PLAZA	NY WLR11	40 42 8	74 0 44	90	L4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
55 WATER	NY 55WATE	40 42 8	74 0 33	328.1	H4	2	23 LOCAL	NYN TELECOMMUNICATIONS INC
55 WATER ST	NY WIT45A	40 42 8	74 0 33	270	L4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
33 THOMAS ST	NY 33THOM	40 42 59	74 0 28	239.8	L4	2	23 LOCAL	NYN TELECOMMUNICATIONS INC
410 E. 62ND	NY 410ERS	40 45 37	73 57 35	6.2	H4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
25 BROADWAY	NY 25BROA	40 42 21	74 0 53	119.4	H4	10	23 LOCAL	NYN TELECOMMUNICATIONS INC
BROAD	NY 90BROA	40 42 14	74 0 44	287.5	L4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
60 BROAD ST	NY 60BROA	40 42 10	74 0 46	25.9	L4	8	23 LOCAL	NYN TELECOMMUNICATIONS INC
55 WATER ST	NY WIT45A	40 42 8	74 0 33	90	H4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
GRAND CENTRAL	NY GRANDC	40 45 9	73 58 43	37.3	L4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
BULOVA BLVD	NY BULOVA	40 46 2	73 53 35	239.8	H4	2	23 LOCAL	NYN TELECOMMUNICATIONS INC
1 NY PLAZA	NY WLR11	40 42 8	74 0 44	90	L4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
19 WEST STRE	NY WLR11	40 42 21	74 0 58	20.0	L4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
1 NY PLAZA	NY WLR11	40 42 8	74 0 44	270	H4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
19 WEST STRE	NY WLR11	40 42 21	74 0 50	270	H4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
17 BATTERY	NY 17BATT	40 42 17	74 0 57	287.5	H4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
1275 YORK AVE	NY 1275YD	40 45 51	73 57 39	6.2	L4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
100 PARK AVE	NY 100PARK	40 45 4	73 58 40	17.3	H4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
MIDTOWN	NY MIDTOWN	40 48 10	74 5 46	308.1	L4	2	23 LOCAL	NYN TELECOMMUNICATIONS INC
1 NEW YORK	NY 1NEWYD	40 42 0	74 0 44	270	H4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
1 NY PLAZA	NY 1NYPLAZ	40 42 0	74 0 44	270	H4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
2 NEW YORK	NY 2NEWYD	40 42 0	74 0 41	270	L4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC
100 JOHN	NY 100JOH	40 42 25	74 0 21	217.1	L4	1	23 LOCAL	NYN TELECOMMUNICATIONS INC

SITE	ST CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
75 WALL ST.	NY 250011	40 42 21	74 0 31	50.0	L4		1	23 LOCAL AREA TELECOMMUNICATIONS, INC.
TWO BROADWAY	NY THURSD	40 42 15	74 0 44	50.0	H4		1	23 LOCAL AREA TELECOMMUNICATIONS, INC.
HARBOR SIDE	NY HARBOR	40 41 3	74 0 0	204.1	L4		1	23 LOCAL AREA TELECOMMUNICATIONS, INC.
129 WATER	NY NEWARK	40 42 15	74 0 17	113.7	L4		1	23 LOCAL AREA TELECOMMUNICATIONS, INC.
601 BROAD ST	NY HARBOR	40 42 18	74 0 46	119.4	L4		10	23 LOCAL AREA TELECOMMUNICATIONS, INC.
WORLD TRADE	NY HARBOR	40 42 40	74 0 49	204.1	H4		1	23 LOCAL AREA TELECOMMUNICATIONS, INC.
1 NY PLAZA	NY HARBOR	40 42 18	74 0 44	50.0	L4		1	23 LOCAL AREA TELECOMMUNICATIONS, INC.
TWO BROADWAY	NY HARBOR	40 42 15	74 0 49	26.9	H4		10	23 LOCAL AREA TELECOMMUNICATIONS, INC.
2001 LIBERTY	NY 200113	40 40 24	73 54 9	101	L3		1	23 LOCAL DEVELOPMENT CORP OF EAST NEW YORK
116 WILLIAMS	NY 200117	40 40 23	73 54 2	10			1	23 LOCAL DEVELOPMENT CORP OF EAST NEW YORK
234 BILMONT	NY 200111	40 40 13	73 54 4	10	L3		1	23 LOCAL DEVELOPMENT CORP OF EAST NEW YORK
116 WILLIAMS	NY 200117	40 40 23	73 54 2	101			1	23 LOCAL DEVELOPMENT CORP OF EAST NEW YORK
110 10 ONLY	NY 110010	40 43 32	73 25 48	17.3	L3		1	23 LOGISOFIT MEASUREMENT SCIENCE CORP
500 10 ONLY	NY 500010	40 43 38	73 25 42	17.3	H3		1	23 LOGISOFIT MEASUREMENT SCIENCE CORP
HOBOKEN	NY NEWARK	40 47 58	73 28 8	41.4	L*		1	18 LONG ISLAND RAILROAD, COMMUNICATION D
MEDICAL CNTR	NY MEDICH	40 43 34	73 33 14	41.4	H*		1	18 LONG ISLAND RAILROAD, COMMUNICATION D
LOCAL CNTR	NY MEDICH	40 43 34	73 33 14	208.6	H*		1	18 LONG ISLAND RAILROAD, COMMUNICATION D
HACKSVILLE	NY NEWARK	40 46 5	73 31 26	208.6	L*		1	18 LONG ISLAND RAILROAD, COMMUNICATION D
NEWARK	NJ NEWARK	40 44 32	74 10 5	101.9	H*		1	18 M & S0 CORPORATION
WEST ORANGE	NJ WESTOR	40 45 45	74 18 42	95.4	H*		1	18 M & S0 CORPORATION
W ORG PPT	NJ WORGAP	40 45 37	74 16 50	101.9	L*		1	18 M & S0 CORPORATION
W ORG PPT	NJ WORGAP	40 45 37	74 16 50	95.4	L*		1	18 M & S0 CORPORATION
TENTH AVE	NY NEM613	40 39 21	73 59 56	60.4	L3		1	23 MATIGNIDES MEDICAL CENTER
2601 OCEAN P	NY NEM612	40 35 7	73 57 58	335.1	H3		1	23 MATIGNIDES MEDICAL CENTER
LENOX ROAD	NY NEW755	40 39 20	73 56 40	68.4	H3		1	23 MATIGNIDES MEDICAL CENTER
HEALTH SC OF	NY HEALTH	40 39 20	73 56 40	68.4	H3		1	23 MATIGNIDES MEDICAL CENTER
MED CENTER	NY HEALTH	40 39 21	73 59 56	60.4	L3		1	23 MATIGNIDES MEDICAL CENTER
4602 10TH AV	NY NEM613	40 39 21	73 59 56	335.1	L3		1	23 MATIGNIDES MEDICAL CENTER
MEDFORDLANDS	NJ NEW659	40 46 50	74 4 50	114.1	L*		1	18 MALRITE
EMPIRE STATE	NJ NEW622	40 44 54	73 59 10	114.1	L*		1	18 MALRITE
BROADWAY	NY BROADW	40 42 20	74 0 52	204.4	H*		1	18 MCGRAW-HILL BROADCASTING CO., INC.
LEXINGTON AVE	NJ LEXING	40 24 15	74 25 1	220	L*		1	18 MCGRAW-HILL BROADCASTING CO., INC.
LEXINGTON AVE	NJ LEXING	40 24 15	74 25 1	50.4	L*		1	18 MCGRAW-HILL BROADCASTING CO., INC.
HEIGHTSTOWN	NJ HEIGHT	40 16 54	74 33 3	220	H*		1	18 MCGRAW-HILL BROADCASTING CO., INC.
WING ST	NY FANNIN	40 36 31	74 7 22	40.4	L*		1	18 MCGRAW-HILL BROADCASTING CO., INC.
PARITAN AVE	NJ PARITA	40 29 40	74 18 1	50.4	H*		1	18 MCGRAW-HILL BROADCASTING CO., INC.
FANNING ST	NY FANNIN	40 36 31	74 7 22	226	L*		1	18 MCGRAW-HILL BROADCASTING CO., INC.
PARITAN AVE	NJ PARITA	40 29 40	74 18 1	226	H*		1	18 MCGRAW-HILL BROADCASTING CO., INC.
SOUTH ANBOY	NJ SOUTHA	40 29 40	74 18 1	50.4	H*		1	18 MCGRAW-HILL BROADCASTING CO., INC.
21 BROADWAY	NY 25BRON	40 42 21	74 0 53	40.4	H*		1	18 MCGRAW-HILL BROADCASTING CO., INC.
NEW BRUNSWIC	NJ NEWBRN	40 24 15	74 25 1	50.4	L*		1	18 MCGRAW-HILL BROADCASTING CO., INC.
AVE OF AMERI	NY AVEOPR	40 45 33	73 58 57	204.4	L*		1	18 MCGRAW-HILL BROADCASTING CO., INC.
NEWARK	NJ NEWARK	40 44 13	74 10 15	13.8	L*		4	18 NCI TELECOMMUNICATIONS CORPORATION
WEST ORANGE	NJ NEW730	40 47 18	74 15 18	24.6	NS		6	18 NCI TELECOMMUNICATIONS CORPORATION
SHEA STADIUM	NY CHELSE	40 45 20	73 50 58	379.5	H*		1	18 NCI TELECOMMUNICATIONS CORPORATION
BYRNE AIRCRA	NY BYRNEA	40 47 40	74 4 0	129.3	H*		1	18 NCI TELECOMMUNICATIONS CORPORATION
YANKEE STAD	NY YANKEE	40 49 35	73 55 44	213.1	H*		1	18 NCI TELECOMMUNICATIONS CORPORATION
THREE BROADWA	NY NEW135	40 45 42	73 59 4	213			1	18 NCI TELECOMMUNICATIONS CORPORATION
1631 BROADWAY	NY NEW135	40 45 42	73 59 4	32.9	H*		2	18 NCI TELECOMMUNICATIONS CORPORATION
METPATH	NY NEWARK	40 41 17	74 4 5	213.9	L*		2	18 NCI TELECOMMUNICATIONS CORPORATION
POLIDENTAL	NJ PRUTH	40 44 47	74 10 4	11.8	H*		4	18 NCI TELECOMMUNICATIONS CORPORATION

SITE	ST CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
CRYSTAL L	NY WLEB09	40 40 7	74 14 40	241.6	NS		6	18 NCT TELECOMMUNICATIONS CORP. (
MAD SQ CON	NY WMB506	40 45 2	74 59 30	202.9	L4		3	18 NCT TELECOMMUNICATIONS CORPORATION
1633 BRONXWA	NY WMB315	40 45 42	74 59 4	199.3			1	18 NCT TELECOMMUNICATIONS CORPORATION
1633 BRONXWA	NY WMB315	40 45 42	74 59 4	224.5			1	18 NCT TELECOMMUNICATIONS CORPORATION
ROCKEFELLER	NY WLEB30	40 52 11	74 2 42	215.9	L4		1	18 NCT TELECOMMUNICATIONS CORPORATION
ROCKEFELLER	NY WLEB30	40 52 11	74 2 42	215.9	H4		1	18 NCT TELECOMMUNICATIONS CORPORATION
NETPARK	NY WLEB30	40 51 12	74 4 5	215.9	L4		1	18 NCT TELECOMMUNICATIONS CORPORATION
NETPARK	NY WLEB30	40 51 12	74 4 5	215.9	L4		1	18 NCT TELECOMMUNICATIONS CORPORATION
ROCKEFELLER	NY WLEB30	40 52 11	74 2 42	215.9	H4		1	18 NCT TELECOMMUNICATIONS CORPORATION
PELTIWE	NY RXONLY	40 46 5	73 59 0	102.4			1	23 METROPOLITAN OPERA ASSOCIATION INC.
LINCOLN CENT	NY NER449	40 46 29	73 59 7	182.4	L3		2	23 METROPOLITAN OPERA ASSOCIATION INC.
1443 PARK	NY N1600	40 47 34	73 56 53	213.1	NS		4	23 MODERN TELECOMMUNICATIONS INC.
EMPIRE ST	NY RXONLY	40 44 54	73 59 10	213.1			1	23 MODERN TELECOMMUNICATIONS INC.
15 BROAD ST	NY WHZ426	40 42 24	74 0 40	225.4	L3		1	23 MORGAN GUARANTY TRUST COMPANY
20 PINE ST	NY WHZ799	40 42 26	74 0 37	226.0	H3		1	23 MORGAN GUARANTY TRUST COMPANY
30 BROAD ST	NY WHZ427	40 42 21	74 0 44	225.4	H3		1	23 MORGAN GUARANTY TRUST COMPANY
7 PINE ST	NY WHZ799	40 42 26	74 0 37	226.0	H3		1	23 MORGAN GUARANTY TRUST COMPANY
50 BROAD ST	NY WHZ427	40 42 21	74 0 44	225.0	L3		1	23 MORGAN GUARANTY TRUST COMPANY
15 BROAD ST	NY WHZ426	40 42 24	74 0 40	228.0	L3		1	23 MORGAN GUARANTY TRUST COMPANY
PINE STREET	NY PINEST	40 42 21	74 0 27	131.2	L*		1	18 NATIONAL BANK OF NORTH AMERICA
WALL STREET	NY WALLST	40 42 25	74 0 33	131.2	L*		1	18 NATIONAL BANK OF NORTH AMERICA
BROADWAY	NY BRONXW	40 46 2	73 59 0	215.6	NS		1	23 NATIONAL QUOTATION BUREAU
NJ STATION	NY NJSTAT	40 43 21	74 1 57	218.6			1	23 NATIONAL QUOTATION BUREAU
NY STATION	NY NYSTAT	40 46 2	73 59 8	30.6	H3		1	23 NATIONAL QUOTATION BUREAU
NJ STATION	NY NJSTAT	40 43 21	74 1 57	38.6	L3		1	23 NATIONAL QUOTATION BUREAU
EMPIRE STATE	NY EMPIRE	40 44 54	73 59 10	199.3	H3		1	23 NATIONAL WESTMINSTER BANK USA
EMPIRE STATE	NY EMPIRE	40 44 54	73 59 10	210.7	H3		1	23 NATIONAL WESTMINSTER BANK USA
592 TH AVE	NY 5925TH	40 45 26	73 58 45	210.7	L3		1	23 NATIONAL WESTMINSTER BANK USA
175 WATER ST	NY WHI321	40 42 22	74 0 20	199.32	L3		1	23 NATIONAL WESTMINSTER BANK USA
50 SOUTH	NY WLM594	40 45 46	74 12 59	314.4	H*		3	18 NEW JERSEY BELL TELEPHONE COMPANY
NEWARK	NY WLEB30	40 44 4	74 10 42	314.4	L*		3	18 NEW JERSEY BELL TELEPHONE COMPANY
TRENTON	NY FEL34	40 13 14	74 45 40	26.9	NS		3	18 NEW JERSEY BELL TELEPHONE COMPANY
NEWARK	NY KEK96	40 44 4	74 10 42	314.4	L*		3	18 NEW JERSEY BELL TELEPHONE COMPANY
TRENTON 2	NY TRENT0	40 13 11	74 45 37	24.9	NS		6	18 NEW JERSEY BELL TELEPHONE COMPANY
TRENTON 3	NY TRENT03	40 14 40	74 44 43	24.9	NS		6	18 NEW JERSEY BELL TELEPHONE COMPANY
TRENTON 3	NY TRENT0	40 14 40	74 44 43	26.9	NS		6	18 NEW JERSEY BELL TELEPHONE COMPANY
50 SOUTH	NY WLM594	40 45 46	74 12 59	314.4	H*		3	18 NEW JERSEY BELL TELEPHONE COMPANY
50 SOUTH	NJ WLM594	40 45 46	74 12 59	119.4	H4		1	23 NEW JERSEY BELL TELEPHONE COMPANY
540 BROAD ST	NJ 540BRO	40 44 34	74 10 8	145.9	H4		12	23 NEW JERSEY BELL TELEPHONE COMPANY
30 EVERGREEN	NJ WLM595	40 45 52	74 13 13	119.4	L4		1	23 NEW JERSEY BELL TELEPHONE COMPANY
ONE WASH PK	NJ ONEWAS	40 44 43	74 10 16	26.9	L4		12	23 NEW JERSEY BELL TELEPHONE COMPANY
NEWARK	NJ KEK96	40 44 4	74 10 42	26.9	H4		12	23 NEW JERSEY BELL TELEPHONE COMPANY
ONE WASH PK	NJ ONEWAS	40 44 43	74 10 16	145.9	L4		12	23 NEW JERSEY BELL TELEPHONE COMPANY
STON BRIDGE	NJ NCH567	40 30 17	74 18 4	2.9	H3		1	23 NEW JERSEY HIGHWAY AUTHORITY
RAIL DRING	NJ NCH565	40 32 7	74 17 56	3.2	H3		1	23 NEW JERSEY HIGHWAY AUTHORITY
LIGHT POLE	NJ NCH566	40 30 32	74 18 3	2.2	L3		1	23 NEW JERSEY HIGHWAY AUTHORITY
LIGHT POLE	NJ NCH566	40 30 32	74 18 3	2.9	L3		1	23 NEW JERSEY HIGHWAY AUTHORITY
BROADWAY WA	NY NCH506	40 46 21	74 1 29	280.2	L3		1	23 NEW YORK, CITY OF
MUNICIPAL BL	NY MURTEL	40 42 45	74 0 16	265.4	NS		4	23 NEW YORK, CITY OF
1 WORLD TRADE	NY THORP0	40 42 41	74 0 49	265.4	NS		2	23 NEW YORK, CITY OF
FT GREENE PL	NY FTGREEN	40 31 21	73 50 27	101.0	L1		1	23 NEW YORK CITY BOARD OF EDUCATION

SITE	ST CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
511 H 1021	NY 511H10	40 50 57	73 55 51	181.4 L3	1			NEW YORK CITY BOARD OF EDUCATION
JENNINGS ST	NY 15105J	40 40 50	73 53 13	40.9 L3	1			NEW YORK CITY BOARD OF EDUCATION
153 E 53RD S	NY 15105S	40 45 20	73 50 17	101.0 H3	2			NEW YORK CITY BOARD OF EDUCATION
153 E 53RD S	NY 15105S	40 45 20	73 50 17	40.6 H3	2			NEW YORK CITY BOARD OF EDUCATION
151 E 53RD S	NY 15105S	40 45 20	73 50 17	101.4 H3	2			NEW YORK CITY BOARD OF EDUCATION
EAST TOWNSHIP	NY 15105E	40 45 20	73 50 17	200.2 H3	1			NEW YORK CITY
250 BROADWAY	NY 15105B	40 45 40	74 0 26	101.7 H3	1			NEW YORK CITY POLICE DEPARTMENT
140 100 PLZ	NY 15105P	40 45 50	74 0 8	101.7 L3	1			NEW YORK CITY POLICE DEPARTMENT
140 100 ST	NY 15105S	40 45 50	74 0 11	270 H3	1			NEW YORK CITY POLICE DEPARTMENT
140 100 PLZ	NY 15105P	40 45 50	74 0 8	270 L3	1			NEW YORK CITY POLICE DEPARTMENT
VINCENT HILLS	NY 15105V	40 40 25	73 50 30	303.3 H3	2			NEW YORK OFFICE OF GEN SERVICE, STATE
55 WEST	NY 15105W	40 40 27	73 50 30	120.3 L3	2			NEW YORK OFFICE OF GEN SERVICE, STATE
125TH ST	NY 15105T	40 40 31	73 56 48	120.3 H3	2			NEW YORK OFFICE OF GEN SERVICE, STATE
ADAM CLYDE P	NY 15105A	40 40 32	73 56 51	303.3 L3	2			NEW YORK OFFICE OF GEN SERVICE, STATE
WEST STREET	NY 15105W	40 42 40	74 0 48	303.3 NS	3			NEW YORK TELEPHONE
PEOPLE	NY 15105P	40 42 30	74 0 6	247.1 H3	1			NEW YORK TELEPHONE
F 15 ISLAND	NY 15105I	40 41 58	74 2 23	235.3 NS	3			NEW YORK TELEPHONE
CHASE	NY 15105C	40 42 30	74 0 34	247.1 L3	1			NEW YORK TELEPHONE
TRINITY PL	NY 15105T	40 42 30	74 0 46	30.9 NS	1			NEW YORK UNIVERSITY
SILVER TWP	NY 15105S	40 43 36	73 59 56	30.9 NS	1			NEW YORK UNIVERSITY
BRIGHT TOWNSHIP	NY 15105B	40 4 40	74 7 51	78.8 L3	1			NORTHERN OCEAN HOSPITAL SYSTEM
PT PLEASANT	NY 15105P	40 5 14	74 7 51	78.8 H3	1			NORTHERN OCEAN HOSPITAL SYSTEM
HARBOUR BLVD	NY 15105H	40 45 33	74 1 30	85.3 L3	1			PAINE WEBER
115 FIVE AVE	NY 15105F	40 45 43	73 58 51	85.3 H3	1			PAINE WEBER
WELLSBLEN	NY 15105W	40 45 33	74 1 30	85.3 H3	1			PAINE WEBER
1155 AVE OF	NY 15105A	40 45 43	73 58 51	85.3 L3	1			PAINE WEBER
BLDG 208	NY 15105B	40 39 21	73 49 3	123.7 L3	1			PAN AMERICAN WORLD AIRWAYS INC
BLDG 17	NY 15105B	40 39 20	73 48 45	94.2 L3	1			PAN AMERICAN WORLD AIRWAYS INC
BLDG 53	NY 15105B	40 38 25	73 47 13	153.8 L3	1			PAN AMERICAN WORLD AIRWAYS INC
BLDG 204	NY 15105B	40 39 21	73 49 3	151 L3	1			PAN AMERICAN WORLD AIRWAYS INC
BLDG 67	NY 15105B	40 39 41	73 48 2	153.8 H3	1			PAN AMERICAN WORLD AIRWAYS INC
BLDG 53	NY 15105B	40 39 25	73 47 13	123.7 H3	1			PAN AMERICAN WORLD AIRWAYS INC
BLDG 67	NY 15105B	40 39 41	73 48 2	66.7 H3	1			PAN AMERICAN WORLD AIRWAYS INC
BLDG 208	NY 15105B	40 39 21	73 49 3	151 L3	1			PAN AMERICAN WORLD AIRWAYS INC
BLDG 16	NY 15105B	40 39 21	73 49 3	94.2 L3	1			PAN AMERICAN WORLD AIRWAYS INC
BLDG 16	NY 15105B	40 39 10	73 48 55	151 H3	1			PAN AMERICAN WORLD AIRWAYS INC
BLDG 16	NY 15105B	40 39 10	73 48 55	151 H3	1			PAN AMERICAN WORLD AIRWAYS INC
BLDG 208	NY 15105B	40 39 21	73 49 3	66.7 L3	1			PAN AMERICAN WORLD AIRWAYS INC
E 35TH ST RX	NY 15105E	40 44 54	73 59 10	291.9	2			PAN AMERICAN WORLD AIRWAYS INC
248 E 35TH	NY 15105E	40 44 43	73 58 34	291.9 NS	2			PAN AMERICAN WORLD AIRWAYS INC
NEW YORK	NY 15105N	40 45 42	73 59 59	347.7 L3	1			PORT AUTHORITY OF NEW YORK & NEW JERSEY
1 WLD TRADE	NY 15105W	40 42 43	74 0 49	309.5 H3	1			PORT AUTHORITY OF NEW YORK & NEW JERSEY
43RD AVE	NY 15105A	40 45 32	73 59 36	293.6 L3	2			PORT AUTHORITY OF NEW YORK & NEW JERSEY
NEWYORKREC	NY 15105N	40 43 21	74 0 26	155.5	1			PORT AUTHORITY OF NEW YORK & NEW JERSEY
1 WLD TRADE	NY 15105W	40 42 43	74 0 49	309.5 H3	1			PORT AUTHORITY OF NEW YORK & NEW JERSEY
PORT TECH CEN	NY 15105P	40 43 52	74 2 39	309.5 L3	1			PORT AUTHORITY OF NEW YORK & NEW JERSEY
311 AVE	NY 15105A	40 45 26	73 59 31	147.6	1			PORT AUTHORITY OF NEW YORK & NEW JERSEY
P F ILLICH CEN	NY 15105P	40 43 52	74 2 37	309.5 L3	1			PORT AUTHORITY OF NEW YORK & NEW JERSEY
NOYCE	NY 15105N	40 43 21	74 0 26	145.0	1			PORT AUTHORITY OF NEW YORK & NEW JERSEY
NEW YORK	NY 15105N	40 43 10	74 0 25	145.0 H3	1			PORT AUTHORITY OF NEW YORK & NEW JERSEY
DUPON FLDG	NY 15105D	40 45 51	74 1 25	211.5	1			PORT AUTHORITY OF NEW YORK & NEW JERSEY

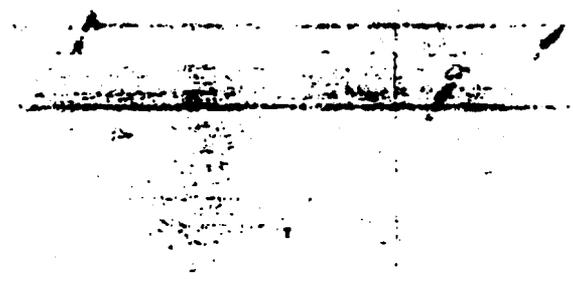
SITE	ST	CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
NEW YORK	NY	WNY541	40 43 25	74 0 29	155.5	H3		1	23 PART AUTHORITY OF NEW YORK & NEW JERSEY
BUS TERMINAL	NY	PXONLY	40 45 49	73 59 1	342.7				23 PART AUTHORITY OF NEW YORK & NEW JERSEY
43RD AVE	NY	NE1513	40 45 3	73 59 46	142.6	L3		1	23 PART AUTHORITY OF NEW YORK & NEW JERSEY
JERICITY PLO	NY	PXONLY	40 41 50	74 0 14	76.6				23 PART AUTHORITY OF NEW YORK & NEW JERSEY
TERSEY CITY	NY	WNY541	40 43 09	74 0 25	76.6	H3		1	23 PART AUTHORITY OF NEW YORK & NEW JERSEY
AVE OF AMERI	NY	NE0768	40 45 41	73 59 49	24.5	L3		1	23 PRIVATE SATELLITE NETWORK INC
AVE OF AMERI	NY	NE0768	40 45 41	73 59 49	116.6	L3		1	23 PRIVATE SATELLITE NETWORK INC
ALLIANCE CAP	NY	PXONLY	40 45 46	73 59 45	24.5				23 PRIVATE SATELLITE NETWORK INC
215 LEXINGTO	NY	WLB419	40 44 44	73 59 52	189	L4		0	23 PRIVATE SATELLITE NETWORK INC
EMPIRE STATE	NY	EMPTRE	40 44 54	73 59 10	206.2	H4		1	23 PRIVATE SATELLITE NETWORK INC
EMPIRE ST	NY	EMPTRE	40 44 54	73 59 10	126.1	H4		2	23 PRIVATE SATELLITE NETWORK INC
1540MM	NY	1540MM	40 45 36	73 59 54	170.3	H4		1	23 PRIVATE SATELLITE NETWORK INC
215 LEXINGTO	NY	215LEX	40 44 44	73 59 52	189	L4		2	23 PRIVATE SATELLITE NETWORK INC
215 LEXINGTO	NY	215LEX	40 44 44	73 59 52	212.5	L4		2	23 PRIVATE SATELLITE NETWORK INC
215 LEXINGTO	NY	215LEX	40 44 44	73 59 52	126.1	L4		2	23 PRIVATE SATELLITE NETWORK INC
HEAD3RD ST	NY	HEAD3RD	40 44 23	73 59 10	211.9				23 PRIVATE SATELLITE NETWORK INC
LEXINGTO	NY	215LEX	40 44 44	73 59 52	170.3				23 PRIVATE SATELLITE NETWORK INC
J C PENNY	NY	JCPENN	40 45 42	73 59 48	189	H4		2	23 PRIVATE SATELLITE NETWORK INC
J C PENNY	NY	WLB421	40 45 42	73 59 48	189	H4		2	23 PRIVATE SATELLITE NETWORK INC
1 LIBERTY PL	NY	1LIBER	40 42 35	74 0 40	212.5	H4		2	23 PRIVATE SATELLITE NETWORK INC
AVE OF AMERI	NY	NE0768	40 45 41	73 59 49	114.3	L3		1	23 PRIVATE SATELLITE NETWORK INC
CITIBANK BLD	NY	PXONLY	40 45 30	73 59 16	114.3				23 PRIVATE SATELLITE NETWORK INC
55 E 52ND	NY	PXONLY	40 45 33	73 59 27	116.6				23 PRIVATE SATELLITE NETWORK INC
215 LEXINGTO	NY	WLB419	40 44 44	73 59 52	211.9	L4		2	23 PRIVATE SATELLITE NETWORK INC
PECTOP BROWY	NY	PECTOP	40 42 27	74 0 45	206.2	L4		1	23 PRIVATE SATELLITE NETWORK INC
8TH AVE	NY	8THAVE	40 44 28	74 0 14	43.2	L8		10	18 ROBERT PLAN INSURANCE CORPORATION
8 FREER ST	NY	8FREER	40 39 28	73 48 56	168.1	L1		1	18 ROBERT PLAN INSURANCE CORPORATION
8TH AVE	NY	8THAVE	40 44 28	74 0 14	43.2	L2		12	18 ROBERT PLAN INSURANCE CORPORATION
8TH AVE	NY	8THAVE	40 44 28	74 0 14	43.2	L8		10	18 ROBERT PLAN INSURANCE CORPORATION
8TH AVE	NY	8THAVE	40 44 28	74 0 14	43.2	L1		10	18 ROBERT PLAN INSURANCE CORPORATION
8TH AVE	NY	8THAVE	40 44 28	74 0 14	43.2	L1		8	18 ROBERT PLAN INSURANCE CORPORATION
11835 QUEENS	NY	11835Q	40 42 54	73 49 53	168.1	H1		1	18 ROBERT PLAN INSURANCE CORPORATION
8TH AVE	NY	8THAVE	40 44 28	74 0 14	43.2	L*		10	18 ROBERT PLAN INSURANCE CORPORATION
8TH AVE	NY	8THAVE	40 44 28	74 0 14	43.2	L*		1	18 ROBERT PLAN INSURANCE CORPORATION
STOL 1	PA	NEE644	40 5 21	74 52 50	62.5	H3		1	23 POHM & HAYS DELAWARE VALLEY INC
BRISTOL II	PA	PXONLY	40 5 33	74 52 20	62.5				23 POHM & HAYS DELAWARE VALLEY INC
PISCATAWAY	NY	NE1664	40 31 29	74 25 53	50.5	H3		1	23 RUTGERS THE STATE UNIVERSITY OF NJ
RECEIVER	NY	PXONLY	40 37 25	74 29 18	212.7				23 RUTGERS THE STATE UNIVERSITY OF NJ
PISCATAWAY	NY	NE1664	40 31 29	74 25 53	110.6	H3		1	23 RUTGERS THE STATE UNIVERSITY OF NJ
RECEIVER	NY	PXONLY	40 33 49	74 22 10	50.5				23 RUTGERS THE STATE UNIVERSITY OF NJ
PISCATAWAY	NY	NE1664	40 31 29	74 25 53	264	H3		1	23 RUTGERS THE STATE UNIVERSITY OF NJ
RECEIVER	NY	PXONLY	40 30 23	74 22 3	110.6				23 RUTGERS THE STATE UNIVERSITY OF NJ
RECEIVER	NY	PXONLY	40 31 20	74 27 45	264				23 RUTGERS THE STATE UNIVERSITY OF NJ
PISCATAWAY	NY	NE1664	40 31 29	74 25 53	212.7	H3		1	23 RUTGERS THE STATE UNIVERSITY OF NJ
120 W 14TH	NY	NE1329	40 44 16	73 59 56	10.8	N5		1	23 SALVATION ARMY, THE
145 W 15TH	NY	NE1330	40 44 20	73 59 55	10.8	N5		1	23 SALVATION ARMY, THE
BRAYONNE 2	NY	BRAYONN	40 41 10	74 6 34	247.7	H*		2	18 SATELLITE GATEWAY
60 HUDSON ST	NY	60HUDON	40 43 3	74 0 30	247.7	L*		2	18 SATELLITE GATEWAY
15 BROAD ST	NY	15BROAD	40 42 24	74 0 40	204.5	L4		2	23 SATELLITE GATEWAY
NY 2	NY	WLB375	40 46 13	73 59 20	170.3	L4		2	23 SATELLITE GATEWAY
NY 3	NY	WLB377	40 46 23	73 59 48	71.0	H4		6	23 SATELLITE GATEWAY

SITE #	ST CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
NY 001	NY 001	40 46 13	73 59 20	21.0	L4	6		23 BULL DOG BATTERY
NY 002	NY 002	40 14 54	71 59 10	214.5	H4	2		23 BULL DOG BATTERY
NY 003	NY 003	40 15 31	71 59 44	199.9	H4	16		23 BULL DOG BATTERY
NY 004	NY 004	40 16 11	71 59 20	21.0	L4	6		23 BULL DOG BATTERY
NY 005	NY 005	40 16 31	71 59 40	21.0	H4	6		23 BULL DOG BATTERY
NY 006	NY 006	40 16 11	71 59 20	199.9	L4	6		23 BULL DOG BATTERY
NY 007	NY 007	40 44 54	71 59 10	170.2	H4	2		23 BULL DOG BATTERY
NY 008	NY 008	40 50 14	74 26 50	226				23 SPECTRAPHONE
NY 009	NY 009	40 44 9	74 9 55	251.6				23 SPECTRAPHONE, INC.
NY 010	NY 010	40 50 57	74 25 50	226	H3	4		23 SPECTRAPHONE, INC.
NY 011	NY 011	40 42 47	74 0 49	81.4	H3	4		23 SPECTRAPHONE, INC.
NY 012	NY 012	40 41 31	74 11 33	25.5	H3	4		23 SPECTRAPHONE, INC.
NY 013	NY 013	40 19 31	74 38 36	141.3	H3	4		23 SPECTRAPHONE, INC.
NY 014	NY 014	40 41 33	74 11 33	81.4	H3	4		23 SPECTRAPHONE, INC.
NY 015	NY 015	40 19 9	74 38 13	141.3	L3	4		23 SPECTRAPHONE, INC.
NY 016	NY 016	40 44 27	74 2 22	22.1	NS	1		23 ST FRANCIS COMMUNITY HEALTH CENTER
NY 017	NY 017	40 43 42	74 2 46	202.1	NS	1		23 ST MARY HOSPITAL
NY 018	NY 018	40 43 42	74 2 46	202.1	NS	1		23 ST MARY HOSPITAL
NY 019	NY 019	40 48 32	73 14 50	305.3	L3	2		23 STANDARD MICROSYSTEMS CORP.
NY 020	NY 020	40 48 46	73 15 16	305.3	H3	2		23 STANDARD MICROSYSTEMS CORP.
NY 021	NY 021	40 43 42	74 2 46	22.1	NS	1		23 ST. FRANCIS COMMUNITY HEALTH CENTER
NY 022	NY 022	40 57 30	74 13 35	37.2	H3	1		23 SUBURBAN SAVINGS AND LOANS
NY 023	NY 023	40 57 31	74 13 34	217.2	H3	1		23 SUBURBAN SAVINGS AND LOANS
NY 024	NY 024	40 57 31	74 13 34	37.2	H3	1		23 SUBURBAN SAVINGS AND LOANS
NY 025	NY 025	40 57 30	74 13 35	37.2	H3	1		23 SUBURBAN SAVINGS AND LOANS
NY 026	NY 026	40 57 30	74 13 35	37.2	H3	1		23 SUBURBAN SAVINGS AND LOANS
NY 027	NY 027	40 57 30	74 13 35	217.2	H3	1		23 SUBURBAN SAVINGS AND LOANS
NY 028	NY 028	40 57 31	74 13 34	37.2	H3	1		23 SUBURBAN SAVINGS AND LOANS
NY 029	NY 029	40 43 11	74 2 1	299.5	NS	1		23 TELETYPE SYSTEMS, INC.
NY 030	NY 030	40 42 40	74 0 49	299.5	NS	1		23 TELETYPE SYSTEMS, INC.
NY 031	NY 031	40 42 40	74 0 49	299.5	H3	1		23 TELETYPE SYSTEMS, INC.
NY 032	NY 032	40 43 11	74 2 1	299.5	L3	1		23 TELETYPE SYSTEMS, INC.
NY 033	NY 033	40 42 40	74 0 49	299.5	NS	1		23 TELETYPE SYSTEMS, INC.
NY 034	NY 034	40 43 11	74 2 1	291.5	NS	1		23 TELETYPE SYSTEMS, INC.
NY 035	NY 035	40 53 10	73 56 53	200.8	L3	1		23 THOMAS J. LIPTON MANAGEMENT, INC.
NY 036	NY 036	40 53 32	73 56 42	200.8	H3	1		23 THOMAS J. LIPTON MANAGEMENT, INC.
NY 037	NY 037	40 48 48	73 10 50	202.8	L3	1		23 TIMES MIRROR CABLE TV OF LONG ISLAND
NY 038	NY 038	40 46 5	73 12 20	202.8	H3	1		23 TIMES MIRROR CABLE TV OF LONG ISLAND
NY 039	NY 039	40 45 52	73 58 23	223.5				23 TDD COMMUNICATION SYSTEMS, INC.
NY 040	NY 040	40 44 58	73 59 9	208.6				23 TDD COMMUNICATION SYSTEMS, INC.
NY 041	NY 041	40 45 17	73 50 41	118.1				23 TDD COMMUNICATION SYSTEMS, INC.
NY 042	NY 042	40 44 42	73 59 4	197.6				23 TDD COMMUNICATION SYSTEMS, INC.
NY 043	NY 043	40 45 32	73 50 18	63.7	H3	4		23 TDD COMMUNICATION SYSTEMS, INC.
NY 044	NY 044	40 46 53	73 57 7	60.4				23 TDD COMMUNICATION SYSTEMS, INC.
NY 045	NY 045	40 46 10	73 59 7	348.5				23 TDD COMMUNICATION SYSTEMS, INC.
NY 046	NY 046	40 45 37	73 58 41	0				23 TDD COMMUNICATION SYSTEMS, INC.
NY 047	NY 047	40 45 17	73 50 41	0	L3	4		23 TDD COMMUNICATION SYSTEMS, INC.
NY 048	NY 048	40 46 3	73 59 3	340.5	L3	4		23 TDD COMMUNICATION SYSTEMS, INC.
NY 049	NY 049	40 45 37	73 50 41	197.6	H3	4		23 TDD COMMUNICATION SYSTEMS, INC.
NY 050	NY 050	40 45 32	73 59 18	202.8	H3	4		23 TDD COMMUNICATION SYSTEMS, INC.

SITE	ST	CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
COLINADE	NY	WIK496	40 46 3	73 54 4		60.4 L3		4	23 TUD COMMUNICATION SYSTEMS, INC
COLINADE	NY	PXONLY	40 46 3	73 54 13		20.2		1	23 TUD COMMUNICATION SYSTEMS, INC
MOMA	NY	WIK495	40 45 32	73 54 41		200.6 H3		4	23 TUD COMMUNICATION SYSTEMS, INC
PIPERI TUPS	NY	WIK494	40 46 53	73 52 7		202.5 H3		4	23 TUD COMMUNICATION SYSTEMS, INC
EDISON HOTEL	NY	PXONLY	40 45 35	73 54 10		63.7		1	23 TUD COMMUNICATION SYSTEMS, INC
MILFORD PLZD	NY	WIK492	40 45 37	73 54 10		118.1 H3		4	23 TUD COMMUNICATION SYSTEMS, INC
TRK BLDG 5B	NY	NET520	40 46 51	73 46 49		165.5 H3		4	23 TRANS WORLD TELEPHS INC
HANGER 1A	NY	NET522	40 46 50	73 40 24		165.5 L3		4	23 TRANS WORLD TELEPHS INC
555 LTD	NY	WIK471	40 46 15	73 59 29		202.3 L*		2	18 T-K MICROSYSTEMS INC
EDISON	NJ	WIK506	40 41 45	74 21 34		62.2 L*		2	18 T-K MICROSYSTEMS INC
METUCHEN SIT	NJ	NET034	40 32 24	74 21 57		62.2 L*		2	18 T-K MICROSYSTEMS INC
UNION CITY	NJ	UNION	40 46 35	74 1 29		202.3 L*		2	18 T-K MICROSYSTEMS INC
TEMPY LOC	NY	NET382	40 44 54	73 59 10		90 NS		2	23 ULTIMATE SATELLITE VIDEO
TEMPY LOC	NY	PXONLY	40 44 50	73 30 31		90			23 ULTIMATE SATELLITE VIDEO
20 EXCHANGE	NY	ZOE004	40 42 19	74 0 36		222.4 L*		1	18 UNITED STATES TRANSMISSION SYSTEMS IN
EXXON NY	NY	EXXONN	40 45 35	73 58 55		242.3 L*		12	18 UNITED STATES TRANSMISSION SYSTEMS IN
NO 201	NJ	WIK493	40 44 4	74 9 59		241.5 L*		1	18 UNITED STATES TRANSMISSION SYSTEMS IN
HARMON MEADO	NJ	WIK712	40 47 6	74 2 40		301.8			18 UNITED STATES TRANSMISSION SYSTEMS IN
WHIPPANY 2	NJ	WHIPP2	40 48 55	74 26 12		90 H*		12	18 UNITED STATES TRANSMISSION SYSTEMS IN
HARMON MEADO	NJ	WIK712	40 47 6	74 2 40		121.8 L*		1	18 UNITED STATES TRANSMISSION SYSTEMS IN
20 EXCHANGE	NY	ZOE004	40 42 19	74 0 36		222.4			18 UNITED STATES TRANSMISSION SYSTEMS IN
NEW YORK NCB	NY	WIK492	40 42 19	74 0 36		18.7 H*		5	18 UNITED STATES TRANSMISSION SYSTEMS IN
WHIPPANY	NJ	WHIPPA	40 48 55	74 26 35		90 H*		12	18 UNITED STATES TRANSMISSION SYSTEMS IN
1515 BROADWA	NY	WLB372	40 45 20	73 59 12		301.8 L*		1	18 UNITED STATES TRANSMISSION SYSTEMS IN
1515 BROADWA	NY	WLB372	40 45 28	73 59 12		18.7 L*		6	18 UNITED STATES TRANSMISSION SYSTEMS IN
1515 BROADWA	NY	WLB372	40 45 28	73 59 12		121.8 L*		6	18 UNITED STATES TRANSMISSION SYSTEMS IN
USTEL NY	NJ	USTELN	40 45 45	73 58 56		216.4 L*		12	18 UNITED STATES TRANSMISSION SYSTEMS IN
1515 BROADWA	NY	WLB372	40 45 28	73 59 12		121.8			18 UNITED STATES TRANSMISSION SYSTEMS IN
HARMON MEADO	NJ	WIK712	40 47 6	74 2 40		121.8 H*		6	18 UNITED STATES TRANSMISSION SYSTEMS IN
SBS NEW YORK	NY	SBSNEW	40 42 9	74 0 48		222.4 L*		3	18 UNITED STATES TRANSMISSIONS SYSTEMS I
NEWARK	NJ	NEWARK	40 44 4	74 9 59		241.5 L*		1	18 UNITED STATES TRANSMISSIONS SYSTEMS I
SBS NEW YORK	NY	SBSNEW	40 42 9	74 0 48		222.4 NS		1	18 UNITED STATES TRANSMISSIONS SYSTEMS I
ASTOR PLACE	NY	ASTOPP	40 45 28	73 59 13		242.3 H*		12	18 UNITED TRANSMISSION SYSTEMS INC
ASTOR PLACE	NY	ASTOPP	40 45 28	73 59 13		216.4 H*		12	18 UNITED TRANSMISSION SYSTEMS INC
HARMON MEADO	NJ	HARMON	40 47 6	74 2 40		241.5 L*		1	18 UNITED TRANSMISSION SYSTEMS INC
HARMON MEADO	NJ	HARMON	40 47 6	74 2 40		241.5 L*		1	18 UNITED TRANSMISSION SYSTEMS INC
EMPIRE ST	NY	EMPIRE	40 44 54	73 59 10		271.6			18 URBANET CORPORATION
CABLE PLACE	NY	WLC745	40 44 53	73 37 27		89.9 H*		3	18 URBANET CORPORATION
CABLE PLACE	NY	WLC745	40 44 53	73 37 27		89.9 L*		5	18 URBANET CORPORATION
EMPIRE ST	NY	EMPIRE	40 44 54	73 59 10		271.6			18 URBANET CORPORATION
EMPIRE STATE	NY	EMPIRE	40 44 54	73 59 10		89.9			18 URBANET CORPORATION
NINEIDA	NY	NINEID	40 44 31	73 39 29		271.6 LG		5	18 URBANET CORPORATION
NINEIDA	NY	NINEID	40 44 31	73 39 29		271.6 L*		2	18 URBANET CORPORATION
EMPIRE STATE	NY	EMPIRE	40 44 54	73 59 10		89.9			18 URBANET CORPORATION
FIRMAN BUILD	NY	FIRMAN	40 41 32	74 0 0		204.5 L*		1	18 WATCHTOWER B&T INC
OFFICE COMPL	NY	OFFICE	40 42 7	73 59 39		109.1 NS		1	18 WATCHTOWER B&T INC
BROOKLYN	NY	NET040	40 414 32	74 0 0		24.5 L*		1	18 WATCHTOWER B&T INC
OFFICE COMPL	NY	OFFICE	40 42 7	73 59 39		208 L*		1	18 WATCHTOWER B&T INC
FACILITY COMP	NY	FACITOP	40 42 2	73 59 20		109.1 L*		1	18 WATCHTOWER B&T INC
124 COLUMBIA	NY	NET041	40 41 57	73 59 46		208 NS		1	18 WATCHTOWER B&T INC
COLUMBIA NET	NY	NET041	40 41 7	73 59 39		24.5 H*		1	18 WATCHTOWER B&T INC

SITE OFFICE BU.	ST CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
98 BUILDINGS	NY PXINLY	40 42 7	73 59 49	304.5 IR	1			10 WATCHTOWER BKT INC
124 COLUMBIA	NY NEE475	40 41 0	73 59 45	179.2				23 WATCHTOWER BKT INC
50TH BRUNSWAR	NY NEE476	40 41 57	73 59 46	179.2 IR				21 WATCHTOWER BKT INC
50TH BRUNSWAR	NY NEE477	40 46 50	74 11 59	166.9 L4	4			23 WATERPONT COMMUNICATIONS CORPORATION
220 12TH AVE	NY NEE478	40 46 50	74 11 59	129.0 L4	1			23 WATERPONT COMMUNICATIONS CORPORATION
SHELD STADIUM	NY NEE479	40 45 20	73 59 50	210.7 H4	2			23 WATERPONT COMMUNICATIONS CORPORATION
YANKEE STADIUM	NY NEE480	40 44 33	73 55 44	240.4 H4	2			23 WATERPONT COMMUNICATIONS CORPORATION
50TH BRUNSWAR	NY NEE481	40 46 50	74 0 59	20.8 H4	2			23 WATERPONT COMMUNICATIONS CORPORATION
WEST 125TH S	NY NEE482	40 40 56	73 57 31	120.8 L4	2			23 WATERPONT COMMUNICATIONS CORPORATION
KENNEDY HSE	NY NEE483	40 43 14	73 50 30	350.4 L4	2			23 WATERPONT COMMUNICATIONS CORPORATION
AVE OF AMERI	NY NEE484	40 45 14	73 58 53	28.8 L4	2			23 WATERPONT COMMUNICATIONS CORPORATION
220 12TH AVE	NY NEE485	40 45 9	74 0 28	86 H4	4			23 WATERPONT COMMUNICATIONS CORPORATION
PAVE TRACK	NY NEE486	40 40 50	74 4 27	129 H4	1			23 WATERPONT COMMUNICATIONS CORPORATION
GIANTS STADI	NY NEE487	40 48 40	74 4 35	123.0 H4	2			23 WATERPONT COMMUNICATIONS CORPORATION
220 12TH AVE	NY NEE488	40 45 9	74 0 28	166.9 H4	2			23 WATERPONT COMMUNICATIONS CORPORATION
P. OF AMERI	NY NEE489	40 45 14	73 58 53	86.0 L4	4			23 WATERPONT COMMUNICATIONS CORPORATION
30 ROCKEFELL	NY NEE490	40 45 32	73 58 48	24.7 L4	3			23 WATERPONT COMMUNICATIONS CORPORATION
COMP	NY NEE491	40 51 47	73 49 19	327.9 L4	1			23 WESTINGHOUSE COMMUNICATION SERVICES I
COMP #4	NY NEE492	40 52 33	73 49 57	327.9	1			23 WESTINGHOUSE COMMUNICATION SERVICES I
EMPIRE STATE	NY NEE493	40 44 54	73 59 10	24.7 H4	3			23 WESTINGHOUSE COMMUNICATION SERVICES I
LOWER MANHAT	NY NEE494	40 42 22	74 0 20	25.3 H4	7			18 WESTMINSTER NATIONAL BANK
BLDG #24	NY NEE495	40 45 17	73 58 31	25.3 L4	7			18 WESTMINSTER NATIONAL BANK
MID MANHATTN	NY NEE496	40 45 26	73 58 44	104 H4	7			18 WESTMINSTER NATIONAL BANK
BLDG #24	NY NEE497	40 45 17	73 59 31	312.3 L4	7			18 WESTMINSTER NATIONAL BANK
365 W 59TH S	NY NEE498	40 46 5	73 53 8	99.3 H3	1			23 ANET TELEVISION
ROADWAY	NY NEE499	40 46 3	73 58 52	99.3	1			23 ANET TELEVISION
EMPIRE STATE	NY NEE500	40 44 54	73 59 10	210.3	2			23 HOLD COMMUNICATIONS, INC.
EMPIRE STATE	NY NEE501	40 44 54	73 59 10	124.9	2			23 HOLD COMMUNICATIONS, INC.
NYC 6	NY NEE502	40 45 33	73 58 40	23.2 L4	1			23 HOLD COMMUNICATIONS, INC.
METROPOLITAN	NY NEE503	40 46 36	73 59 8	180.9 L4	2			23 HOLD COMMUNICATIONS, INC.
30 ROCKEFELL	NY NEE504	40 45 33	73 58 48	23.2 L4	2			23 HOLD COMMUNICATIONS, INC.
NYC 7	NY NEE505	40 45 33	73 58 40	210.3 L4	2			23 HOLD COMMUNICATIONS, INC.
EMPIRE STATE	NY NEE506	40 44 54	73 59 10	23.2 H4	2			23 HOLD COMMUNICATIONS, INC.
EMPIRE STATE	NY NEE507	40 44 54	73 59 10	23.2 H4	2			23 HOLD COMMUNICATIONS, INC.
MEADOWLANDS	NY NEE508	40 49 2	74 6 57	124.9 L4	2			23 HOLD COMMUNICATIONS, INC.
EMPIRE STATE	NY NEE509	40 44 54	73 59 10	180.9	1			18 ZURBRUG MEMORIAL HOSPITALS
WILLINGBORO	NY NEE510	40 2 46	74 52 53	83.7 NS	1			18 ZURBRUG MEMORIAL HOSPITALS
RIVERSIDE	NY NEE511	40 2 23	74 57 24	83.7 NS	1			18 ZURBRUG MEMORIAL HOSPITALS

**Manhattan Short-Haul
Microwave Usage Sorted by Call Sign**



<u>SITE</u>	<u>ST CALL</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>	<u>BEARING</u>	<u>PLAN</u>	<u>FREQUENCIES</u>	<u>BAND</u>	<u>OWNER</u>
100 BROADWAY	NY 100BPO	40 42 28	74 0 42	160.9	L*	1	18	LOCAL AREA TELECOMMUNICATIONS INC
100 E 15T ST	NY 100E15	40 54 40	73 50 3	17.3	L*	1	18	LOCAL AREA TELECOMMUNICATIONS INC
100 E 15T ST	NY 100E15	40 54 40	73 50 3	17.3	L*	2	18	LOCAL AREA TELECOMMUNICATIONS INC
100 PARK AVE	NY 100PAP	40 45 4	73 50 40	37.3	H4	1	23	LOCAL AREA TELECOMMUNICATIONS INC
110 RT CNTY	NY 110RTC	40 47 32	74 25 48	17.3	L3	1	23	LOGISOFT MEASUREMENT SCIENCE CORP
111 9TH AVE	NY 11109A	40 44 28	74 0 14	221.3	L*	1	18	LOCAL AREA TELECOMMUNICATIONS INC
111 HALL	NY 111HALL	40 42 17	74 0 24	86.4	L*	1	18	LOCAL AREA TELECOMMUNICATIONS INC
11835 QUEENS	NY 11835Q	40 42 54	73 49 53	160.1	H*	1	18	WYBER PLAN INSURANCE CORPORATION
210 PENN PLA	NY 120PEN	40 45 1	73 50 32	103.7	L*	1	18	LOCAL AREA TELECOMMUNICATIONS INC
1275 YORK AVE	NY 1275YU	40 45 51	73 57 33	6.2	L4	1	23	LOCAL AREA TELECOMMUNICATIONS INC
1285 AVE OF	NY 1285AV	40 45 43	73 50 51	85.3	L*	1	18	PAINE WEBER
1285 AVE AVE	NY 1285AV	40 45 43	73 50 51	85.3	H3	1	23	PAINE WEBER
220 12TH AVE	NY 12THAV	40 45 9	74 0 28	86	H4	4	23	WATERFORD COMMUNICATIONS CORPORATION
1515 BROADWAY	NY 1515BR	40 42 28	73 59 12	197.5	H4	2	23	EASTERN MICROWAVE INC
E 53RD S	NY 153E53	40 45 29	73 58 17	40.8	H3	2	23	NEW YORK CITY BOARD OF EDUCATION
153 E 53RD S	NY 153E53	40 45 29	73 58 17	181.8	H3	2	23	NEW YORK CITY BOARD OF EDUCATION
153 E 53RD S	NY 153E53	40 45 29	73 58 17	18.4	H3	2	23	NEW YORK CITY BOARD OF EDUCATION
1594 UNIDINPO	NY 1594UN	40 50 26	73 51 47	17.3	H*	2	18	LOCAL AREA TELECOMMUNICATIONS INC
1594 UNIDINPO	NY 1594UN	40 50 26	73 51 47	17.3	L*	1	18	LOCAL AREA TELECOMMUNICATIONS INC
15 AROND ST	NY 15ARON	40 42 24	74 0 40	204.5	L4	2	23	SATELLITE GATEWAY
16 WALL ST	NY 16WALL	40 42 27	74 0 41	125.9	H*	1	18	BANKERS TRUST
16 WALL ST	NY 16WALL	40 42 27	74 0 41	149.4	L*	1	18	BANKERS TRUST
1775 BROADWAY	NY 1775BR	40 59 1	73 58 56	199.1	L3	2	23	BYPASS TECHNOLOGIES INC
17 BATTERY	NY 17BATT	40 42 17	74 0 57	202.3	H*	1	18	LOCAL AREA TELECOMMUNICATIONS INC
17 BATTERY	NY 17BATT	40 42 17	74 0 57	287.5	L*	1	18	LOCAL AREA TELECOMMUNICATIONS INC
17 BATTERY	NY 17BATT	40 42 17	74 0 57	287.5	H4	1	23	LOCAL AREA TELECOMMUNICATIONS INC
19 RECTOR	NY 19 REC	40 42 27	74 0 53	200.8	H*	2	18	LOCAL AREA TELECOMMUNICATIONS INC
19 RECTOR	NY 19 REC	40 42 27	74 0 53	200.8	H*	7	18	LOCAL AREA TELECOMMUNICATIONS INC
19 RECTOR	NY 19 REC	40 42 27	74 0 53	200.8	H*	8	18	LOCAL AREA TELECOMMUNICATIONS INC
19 RECTOR	NY 19 REC	40 42 27	74 0 53	200.8	H3	10	18	LOCAL AREA TELECOMMUNICATIONS INC
19 RECTOR	NY 19 REC	40 42 27	74 0 53	200.8	H3	12	18	LOCAL AREA TELECOMMUNICATIONS INC
19 RECTOR	NY 19 REC	40 42 27	74 0 53	200.8	H*	10	18	LOCAL AREA TELECOMMUNICATIONS INC
MONTAGUE	NY 19SMON	40 41 44	73 59 38	201.3	H3	1	23	BROOKLYN UNION GAS COMPANY
19 RECTOR ST	NY 19RECT	40 42 27	74 0 53	26.9	L*	1	18	LOCAL AREA TELECOMMUNICATIONS INC
1 CENTER ST	NY 1CENTE	40 42 50	74 0 11	270	H3	1	23	NEW YORK CITY POLICE DEPARTMENT
1 HANSON PLA	NY 1HANSD	40 41 7	73 58 41	317.6	H*	1	18	CONSOLIDATED EDISON COMPANY OF NEW YO
1 HILTON	NY 1HILTO	40 50 57	74 25 50	226	H3	4	23	SPECTRADYNE, INC.
1 LIBERTY PL	NY 1LIBER	40 42 35	74 0 40	212.5	H4	2	23	PRIVATE SATELLITE NETWORK INC
1 NEW YORK	NY 1NEWYO	40 42 8	74 0 44	270	H4	1	23	LOCAL AREA TELECOMMUNICATIONS INC
1 POLICE PLZ	NY 1POLIC	40 42 50	74 0 8	81.7	L3	1	23	NEW YORK CITY POLICE DEPARTMENT
1 POLICE PLZ	NY 1POLIC	40 42 50	74 0 8	270	L3	1	23	NEW YORK CITY POLICE DEPARTMENT
1 WORLD TRAD	NY 1WORLD	40 42 40	74 0 49	113.1	L*	5	18	LOCAL AREA TELECOMMUNICATIONS INC
1 WORLD TRAD	NY 1WORLD	40 42 43	74 0 49	265.4	N5	2	23	NEW YORK, CITY OF
1 WORLD TRAD	NY 1WORLD	40 42 40	74 0 49	240.5	N5	1	23	TELETYPE SYSTEMS, INC.
1 WU INT PLZ	NY 1WUINP	40 42 21	74 0 57	36.9	L*	1	18	LOCAL AREA TELECOMMUNICATIONS INC
1 WU PLAZA	NY 1WUPLA	40 42 17	74 0 58	222	L6	3	18	LOCAL AREA TELECOMMUNICATIONS INC
1 WU PLAZA	NY 1WUPLA	40 42 17	74 0 58	222	L*	11	18	LOCAL AREA TELECOMMUNICATIONS INC
200 LIBERTY	NY 200LIB	40 40 24	73 54 9	101	L3	1	23	LOCAL DEVELOPMENT CORP OF EAST NEW YO
20 BROAD	NY 20BROA	40 42 25	74 0 39	145	H*	0	18	LOCAL AREA TELECOMMUNICATIONS INC

SITE	ST CALL	LATITUDE	LONGITUDE	BEARING	PLAN	FREQUENCIES	BAND	OWNER
20 BROAD	NY 20BP01	40 42 25	74 0 39		345 III		1	18 LOCAL AREA TELECOMMUNICATIONS INC
20 BROAD	NY 20BP01	40 42 25	74 0 39		345 III		1	18 LOCAL AREA TELECOMMUNICATIONS INC
20 BROAD	NY 20BP01	40 42 25	74 0 39		345 III		4	18 LOCAL AREA TELECOMMUNICATIONS INC
20 BROAD	NY 20BP01	40 42 25	74 0 39		345 III		6	18 LOCAL AREA TELECOMMUNICATIONS INC
20 BROAD	NY 20BP01	40 42 25	74 0 39		345 III		8	18 LOCAL AREA TELECOMMUNICATIONS INC
20 EXCHANGE	NY 20E301	40 42 19	74 0 36		222.4			18 UNITED STATES TELEVISION SYSTEMS INC
20 EXCHANGE	NY 20E301	40 42 19	74 0 36		222.4 L*		1	18 UNITED STATES TELEVISION SYSTEMS INC
20 EXCHANGE	NY 20E301	40 42 19	74 0 36		202.5 L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
20 EXCHANGE	NY 20E301	40 42 19	74 0 36		191.0 L4		4	23 301 METROPOLITAN TRANSMISSION CENTER
215 LEXINGTO	NY 215LEX	40 44 44	73 58 52		212.5 L4		2	23 PRIVATE SATELLITE NETWORK INC
215 LEXINGTO	NY 215LEX	40 44 44	73 58 52		178.3			23 PRIVATE SATELLITE NETWORK INC
215 LEXINGTO	NY 215LEX	40 44 44	73 58 52		189 L4		2	23 PRIVATE SATELLITE NETWORK INC
215 LEXINGTO	NY 215LEX	40 44 44	73 58 52		126.1 L4		2	23 PRIVATE SATELLITE NETWORK INC
220 12TH AVE	NY 22012T	40 45 9	74 0 20		166.9 H4		2	23 WATERFRONT COMMUNICATIONS CORPORATION
220 12TH AVE	NY 22012T	40 45 9	74 0 20		210.7 H4		2	23 WATERFRONT COMMUNICATIONS CORPORATION
220 W 50TH S	NY 220W5H	40 59 2	73 58 51		75.2 L3		1	23 BYPASS TECHNOLOGIES INC
2 BROADWAY	NY 220BP01	40 42 39	74 0 32		124.2 L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
234 BELMONT	NY 234BEL	40 40 13	73 54 4		10 L3		1	23 LOCAL DEVELOPMENT CORP OF EAST NEW YO
248 E 35TH	NY 248E35	40 44 43	73 58 34		291.9 H5		2	23 PAN AVIATEL TV CTR INC
250 BROADWAY	NY 250BP01	40 42 48	74 0 26		81.7 H9		1	23 NEW YORK CITY POLICE DEPARTMENT
25 BROADWAY	NY 25BP01	40 42 21	74 0 53		40.4 H*		1	18 MCGRAW-HILL BROADCASTING CO., INC.
25 BROADWAY	NY 25BP01	40 42 21	74 0 53		301.2 L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
25 BROADWAY	NY 25BP01	40 42 21	74 0 53		119.4 H4		10	23 LOCAL AREA TELECOMMUNICATIONS INC
280 PARK AVE	NY 280PAR	40 45 23	73 58 32		211.8 L*		1	18 BANKERS TRUST COMPANY
280 PARK AVE	NY 280PAR	40 45 23	73 58 32		230.3 H*		1	18 BANKERS TRUST COMPANY
2 BROADWAY	NY 280PAR	40 42 48	74 0 48		202.3 L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
2 NEW YORK	NY 2NEWYD	40 42 8	74 0 41		270 L4		1	23 LOCAL AREA TELECOMMUNICATIONS INC
2 NY PLAZA	NY 2NYPLA	40 42 8	74 0 41		328.8 H*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
2 WLD TRADE	NY 2WLDTR	40 42 38	74 0 46		358.8 H*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
2 WLD TRADE	NY 2WLDTR	40 42 38	74 0 46		177.6 H*		4	18 LOCAL AREA TELECOMMUNICATIONS INC
2 WLD TRADE	NY 2WLDTR	40 42 38	74 0 46		180 L*		5	18 LOCAL AREA TELECOMMUNICATIONS INC
30 ROCKEFELL	NY 30ROCK	40 45 33	73 58 48		23.2 L4		2	23 WOLD COMMUNICATIONS, INC.
30 ROCKEFELL	NY 30ROCK	40 45 32	73 58 48		24.7 L4		3	23 WESTINGHOUSE COMMUNICATION SERVICES I
32	NY 32	40 43 17	74 0 19		31.7 L0		12	18 LOCAL AREA TELECOMMUNICATIONS INC
	NY 32	40 43 17	74 0 19		31.7 L*		12	18 LOCAL AREA TELECOMMUNICATIONS INC
32	NY 32	40 43 17	74 0 19		31.7 L*		1	18 LOCAL AREA TELECOMMUNICATIONS INC
32	NY 32	40 43 17	74 0 19		31.7 L1		12	18 LOCAL AREA TELECOMMUNICATIONS INC
32	NY 32	40 43 17	74 0 19		31.7 L2		12	18 LOCAL AREA TELECOMMUNICATIONS INC
33 THOMAS AT	NY 33THOM	40 42 59	74 0 28		239.0 L&		2	18 LOCAL AREA TELECOMMUNICATIONS INC
33 THOMAS AT	NY 33THOM	40 42 59	74 0 28		239.8 L4		2	23 LOCAL AREA TELECOMMUNICATIONS INC
370 J. ST	NY 370JST	40 41 35	73 59 18		150.8 L*		1	18 BY PASS TECHNOLOGY INC
410 E. 62ND	NY 410E6S	40 45 37	73 57 35		6.2 H4		1	23 LOCAL AREA TELECOMMUNICATIONS INC
440 9TH AVE	NY 4409TH	40 45 20	73 59 43		154.6 L3		1	23 COVENANT HOUSE UNDER 21
461 W 41ST	NY 461W41	40 45 36	73 59 53		154.6 H3		1	23 COVENANT HOUSE UNDER 21
49 TOWER	NY 49TOWE	40 45 26	73 58 38		312.6 L4		1	23 HAMILTON COMMUNICATION CONSULTANTS IN
500 BT CNTY	NY 500BTCT	40 43 30	73 25 42		37.3 H3		1	23 LOGICANT MEASUREMENT SCIENCE CORP
50 BROADWAY	NY 50BP01	40 42 20	74 0 45		177.6 L*		4	18 LOCAL AREA TELECOMMUNICATIONS INC
50TH BROADWAY	NJ 50THBR	40 46 50	74 0 59		166.9 L4		4	23 WATERFRONT COMMUNICATIONS CORPORATION
50TH BROADWAY	NJ 50THBR	40 46 50	74 0 59		129.0 L4		1	23 WATERFRONT COMMUNICATIONS CORPORATION
50TH BROADWAY	NJ 50THBR	40 46 50	74 0 59		123.8 L4		2	23 WATERFRONT COMMUNICATIONS CORPORATION
511 W 18TH	NY 511W18	40 50 57	73 55 53		18.4 L4		1	23 NEW YORK CITY BOARD OF EDUCATION